0001 Release

Mendez, Gayla

From: Sent: Andi Marquez <Andi@hwnn.com> Friday, September 19, 2014 3:27 PM

To:

McCall, Carolyn

Cc: Subject: Brian Vines; Zondra Bess 35th Avenue Interviews

Ms. McCall,

I apologize that we were not able to get any interviews set up while you were in town. I wanted to touch base with you and see if you would be coming back anytime soon to follow up with additional interviews. We wold be happy to continue to contact the individuals you provided us if need be. I will wait to hear from you.

Have a nice weekend.

HARE | WYNN

Andi Marquez

Legal Assistant 1-800-568-5330

BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

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Mendez, Gayla

From:

Zondra Bess < ZBess@hwnn.com>

Sent:

Wednesday, October 01, 2014 3:09 PM

To:

McCall, Carolyn

Subject:

RE: 35th Avenue Interviews

Carolyn,

Thanks for the clarification on the dates and times you all will be available.

Zondra

HARE | WYNN

BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

Zondra Bess

Litigation Support Specialist

2025 3rd Avenue North Suite 800 Birmingham, AL 35203 1-800-568-5330

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>>> "McCall, Carolyn" <McCall.Carolyn@epa.gov> 10/1/2014 1:09 PM >>>

Hi Zondra,

I appreciate your response. I would like to make you aware that we are currently scheduling interviews for Thursday (10/9) between 11:00am - 4:30pm (12:30-1:30pm is scheduled). We also have available Friday (10/10) 9:00am - 12:00pm. This is a short trip for a meeting mainly. Therefore the sooner you can provide me with the update I would appreciate. Thank you for your assistance in this matter.

Carolyn McCall, Enforcement Project Manager

From: Zondra Bess [mailto:ZBess@hwnn.com] Sent: Wednesday, October 01, 2014 1:43 PM

To: McCall, Carolyn Cc: Dax Whitfield

Subject: RE: 35th Avenue Interviews

Good afternoon Carolyn, short

In response to your email I wanted to let you know we are currently working on contacting our clients. I will provide you with an update next week.

Thank you, Zondra

HARE WYNN

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BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

Zondra Bess

<u> Litiyation Support Specialist</u>

2025 3rd Avenue North State 800 Birmingham, AL 35203 1-800-568-5330

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>>> "McCall, Carolyn" < 9/30/2014 2:55 PM >>>

Good Afternoon Andi,

Can you provide an update on your clients for October 9th? Thanks Carolyn McCall

From: Andi Marquez [mailto:Andi@hwnn.com]
Sent: Friday, September 19, 2014 3:27 PM

To: McCall, Carolyn

Cc: Brian Vines; Zondra Bess **Subject:** 35th Avenue Interviews

Ms. McCall,

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Have a nice weekend.

HARE | WYNN

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BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

Andi Marquez

Legal Assistant 1-800-568-5330

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0015 Release

Mendez, Gayla

From: Zondra Bess < ZBess@hwnn.com> Sent:

Wednesday, October 01, 2014 1:43 PM

To: McCall, Carolyn Cc: Dax Whitfield

Subject: RE: 35th Avenue Interviews

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BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

Zondra Bess

Litigation Support Specialist

2025 3rd Avenue North Suite 800 Birmingham, AL 35203 1-800-568-5330

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>>> "McCall, Carolyn" <McCall.Carolyn@epa.gov> 9/30/2014 2:55 PM >>>

Good Afternoon Andi,

Can you provide an update on your clients for October 9th? Thanks Carolyn McCall

From: Andi Marquez [mailto:Andi@hwnn.com] Sent: Friday, September 19, 2014 3:27 PM

To: McCall, Carolyn

Cc: Brian Vines; Zondra Bess Subject: 35th Avenue Interviews

Ms. McCall,

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Have a nice weekend.

Smith, Stephen

0021 Release

From: Lodin, Marianne

Sent: Wednesday, January 30, 2013 11:32 AM

To: Don McKenna

Cc: Brian Vines; Debbie Byrd; Jim Pratt; Mann, Teresa; Smith, Stephen; 35AveSiteFile

Subject: Re: 35th Avenue Superfund Site - Properties for Access

Image.39d04d5f79c140ca19b466591e21674e34b7aaf7_13c6dc9f447a.mpf.gif; **Attachments:**

> Image.39d04d5f79c140ca19b466591e21674e34b7aaf7_13c6dc9f448a.mpf.gif; Image.39d04d5f79c140ca19b466591e21674e34b7aaf7_13c6dc9f448b.mpf.gif; Image.39d04d5f79c140ca19b466591e21674e34b7aaf7_13c6dc9f449a.mpf.gif; Image.39d04d5f79c140ca19b466591e21674e34b7aaf713c6dd3e463a.mpf.gif; Image.39d04d5f79c140ca19b466591e21674e34b7aaf713c6dd3e544a.mpf.gif

Don,

Thank you for your email and well wishes. We are lucky to have a healthy, beautiful little girl.

I will be out on maternity leave until April. I have forwarded your email to Stephen Smith and Teresa Mann (and also copied above), both attorneys for the Site. They will be able to address your questions below.

Regards, Marianne

Marianne Ortiz Lodin Associate Regional Counsel U.S. Environmental Protection Agency, Region 4 Office of Environmental Accountability 61 Forsyth Street, S.W. Atlanta, Georgia 30303 (P) 404-562-9547

(E) lodin.marianne@epa.gov

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----"Don McKenna" wrote: -----

To: Marianne Lodin/R4/USEPA/US@EPA, "Brian Vines"

From: "Don McKenna" Date: 01/24/2013 01:40PM Cc: "Debbie Byrd", "Jim Pratt"

Subject: Re: 35th Avenue Superfund Site - Properties for Access

Marianne,

I hope your maternity leave is going well and all is well with your baby and family.

We have a significantly larger number of clients than when we last spoke. We are providing an updated list to Stephanie and continue to cooperate in providing access agreements to the EPA. I have a couple questions and hope you can direct me to the right person in your absence.

- 1) What is the protocol of the vapor intrusion testing our client is being asked to consent to (how is it being done and what is being tested for and what are the levels of detection)?
- 2) When is the list of other responsible parties expected to be public? Or made known to Walter Coke?
- 3) How is the schedule going for testing inside the superfund line? When is testing inside the line expected to be complete?
- 4) Is the EPA testing areas bordering, but outside of, the current EPA Superfund line?

Thanks for your help. When can we expect you back from maternity leave.

Don

HARE | WYNN

Don McKenna Trial Attorney

BIRMINGHAM LITTLE ROCK LEXINGTON

1-800-568-5330

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>>> Marianne Lodin 10/10/12 9:01 AM >>>

Brian,

We are looking into your request and will get back to you shortly.

Thank you, Marianne

Marianne Ortiz Lodin
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
(P) 404-562-9547
(E) lodin.marianne@epa.gov

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Brian Vines ---10/09/2012 11:19:58 AM---Marianne, First, thank you for sending us this list. We will begin to determine which of our client

From: Brian Vines

To: Marianne Lodin/R4/USEPA/US@EPA

Cc: Don McKenna , Jim Pratt , Debbie Byrd
Date: 10/09/2012 11:19 AM
Subject: Re: 35th Avenue Superfund Site - Properties for Access

Marianne,

First, thank you for sending us this list. We will begin to determine which of our clients are on your list and their status regarding the property. One question I have is whether you could also provide us the Parcel ID number for the properties, that will make it easier to search our database.

Second, do you know who at the ATSDR we should contact regarding this site?

Finally, we will get back to you about how to address access to our client's property.

Let me know if you have any questions.

All the best,

Brian

Brian Vines, Attorney

2025 3rd Avenue North, Suite 800 Birmingham, Alabama 35203 Phone: <u>205-328-5330</u> / <u>800-</u>

<u>568-5330</u>

Fax: 205-324-2165

Web: http://www.hwnn.com
Email: bvines@hwnn.com

On Oct 9, 2012, at 9:31 AM, Marianne Lodin < Lodin. Marianne@epamail.epa.gov > wrote:

Brian,

As we spoke last week, the EPA is able to provide you a list with the addresses that we will be seeking access from in the N. Birmingham communities of Collegeville, Harriman Park, and Fairmont. In turn, we hope to hear from you in the next several days regarding all parties that you represent from this list; whether you represent the owner or tenant of the property; if you represent the owner, whether there is a tenant (and name if known); if you represent the tenant, whether you know of the owner.

Finally, as you may have already seen, a copy of the access agreement that we are requesting residents to sign at the Site is also attached. We would prefer to have one signed agreement from your office on behalf of your clients with an attached list/appendix identifying the consenting owners and/or tenants and their respective addresses.

Please contact me if you have any questions.

Thank you, Marianne

(See attached file: Birmingham Addresses Only.xlsx)(See attached file: ACCESS AUTHORIZATION FOR 35th AVENUE SUPERFUND SITE.pdf)

Marianne Ortiz Lodin Associate Regional Counsel U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
(P) 404-562-9547
(E) lodin.marianne@epa.gov

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Smith, Stephen

From:

Brian Vines

bvines@hwnn.com>

Sent:

Monday, December 02, 2013 5:44 PM

To:

Smith, Stephen

Subject:

North Birmingham Split Sample Results

Attachments:

HWNN N. B'ham QA Checked Data_Final.pdf; ATT00001.htm

Stephen,

Attached is the data we promised you. I look forward to hearing from you regarding the discrepancies in the recent sample we discussed today.

All the best and WAR EAGLE!

Brian

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Domant Date:	34 10 0010	
]		Report Date:	May 10, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28717 OC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water		Analytical					
Method:	EPA Method 8270C		Analyst:	Hageman/Currence				
POLYNUCLEAR AROMATIC HYDROCARBONS								
	LAB ID	Method			LAB ID			
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target	
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration		Range (%)	
Acenaphthene	0.01839	0.001	5/8/13	1150	0.020	92%	70-130	
Acenaphthylene	0.01827	0.001	5/8/13	1150	0.020	91%	70-130	
Anthracene	0.01843	0.001	5/8/13	1150	0.020	92%	70-130	
Benzo(a)anthracene	0.01868	0.001	5/8/13	1150	0.020	93%	70-130	
Benzo(b)fluoranthene	0.20710	0.0001	5/8/13	1150	0.020	1036%	70-130	
Benzo(k)fluoranthene	0.02108	0.0001	5/8/13	1150	0.020	105%	70-130	
Benzo(ghi)perylene	0.02043	0.0005	5/8/13	1150	0.020	102%	70-130	
Benzo(a)pyrene	0.02170	0.0001	5/8/13	1150	0.020	109%	70-130	
Chrysene	0.01873	0.0005	5/8/13	1150	0.020	94%	70-130	
Dibenzo(ah)anthracene	0.02045	0.001	5/8/13	1150	0.020	102%	70-130	
Fluoranthene	0.01783	0.001	5/8/13	1150	0.020	89%	70-130	
Fluorene	0.01791	0.001	5/8/13	1150	0.020	90%	70-130	
Indeno(1,2,3-cd)pyrene	0.02025	0.001	5/8/13	1150	0.020	101%	70-130	
Naphthalene	0.01803	0.001	5/8/13	1150	0.020	90%	70-130	
Phenanthrene	0.01828	0.001	5/8/13	1150	0.020	91%	70-130	
Pyrene	0.01804	0.0005	5/8/13	1150	0.020	90%	70-130	

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

Mt/ /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Report Attention: Ms. Jymalyn Redmond Refere Address: 4659 Huffman Rd. P.O. # Grady, AL 36036 Project	EBHM121004
---	------------

QC Matrix:	water	Analytical	
Date Received:	12/21/12	Analyst:	Kevin Doriety
Date Collected:	12/21/12	Date Analysis:	12/27/12
Sample Collector:	D.J.S./ M.B.	Method:	EPA Method 6010B

	1	META	LLIC A	NALY'	TES		
			LAB ID				
	LABID		140115MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike		IPC	IPC %	
as Total	Blank 14	140115MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.511	90%	0.198	0.200	99%	
QC Matrix:	water		Analytical				
Date Received:			Analyst:		Kevin Doriety		
Date Collected:	12/21/12	Date Analysis:			12/27/12	3	
Sample Collector:	D.J.S./M.B			EPA Method 6010B			

	I	META	LLIC A	NALYT	ES	***************************************	
			LAB ID				
	LABID		140115MS	LABID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	VD C	IPC	IPC %	
as Total	Blank	140115MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.559	111%	0.198	0.200	99%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

/ QAQC

Respectfully submitted,

Kevin Doriety **Analytical Chemist**

Kai Dora

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	C1)(11 0 C 1	V		
Chem:	Goodwyn, Mills & Cawood	Report Date:	December 28, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27991 OC	
Address:	4659 Huffman Rd.	P.O. #	EBHM121004	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	- 1
Date Received:	12/21/12	Analyst:	Kevin Doriety
Date Collected:	12/21/12	Date Analysis:	12/27/12
Sample Collector:	D.J.S./ M.B.	Method:	EPA Method 6010B

	ľ	META	LLIC A	NAL	YTES			
			LAB ID					
	LAB ID		140109MS	LAB ID	LABID	LAB ID		
Analyte, mg/L	Reagent	LAB ID	Spike	DDC.	IPC	IPC %		
as Total	Blank	140109MS	Recovery %	IPC	Conc.	Recovery		
Arsenic	BDL	0.460	90%	0.208	0.200	104%		
Barium	0.073	0.493	100%	0.189	0.200	95%		
Cadmium	BDL	0.113	95%	0.196	0.200	98%		
Chromium	BDL	0.525	98%	0.197	0.200	99%		
Lead	0.004	1.291	104%	0.206	0.200	103%		
Selenium	BDL	0.257	81%	0.231	0.200	116%		
Silver	0.003	0.014	103%	0.053	0.050	106%		
QC Matrix:	water		Analytical			A CONTRACT AND THE SECOND	3,5160s, a 40s, v. a 40s,	
Date Received:	12/21/12	· -	Analyst:		Kevin Doriet	v		
Date Collected:	12/21/12		Date Analysis:		12/28/12	•		
Sample Collector:			Method:		EPA Method 7471A			

	I	META	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		140109MS	LABID	LABID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	140109MS	Recovery %	irc	Conc.	Recovery	
Мегсигу	BDL	0.00121	88%	0.00211	0.00200	106%	

IPC = Instrument Performance Check

NA = Not Available

BDL - Below Detection Limit

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Quality Environmental Analytical Services

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28402 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/26/13	Date Analysis:	3/21/13
Sample Collector:	N,B,C./ B.B.	Method:	EPA Method 6010B

	I	METAI	LLIC A	NALY'	TES		
			LAB ID				
	LABID		141902MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	VD C	IPC	IPC %	
as Total	Blank	141902MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.303	87%	0.170	0.200	85%	
QC Matrix:	water		Analytical				
Date Received:	3/7/13		Analyst:	•	Kevin Doriel	y	
Date Collected:	2/26/13		Date Analysis	:	3/21/13	•	
Sample Collector:	N.B.C./B.B	i.	Method:		EPA Method	l 6010B	

METALLIC ANALYTES							
			LAB ID				
	LAB ID		141908MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	141908MS	Recovery %	irc	Conc.	Recovery	
Arsenic	0.006	0.269	77%	0.194	0.200	97%	

IPC = Instrument Performance Check
NA = Not Available
BDL = Below Detection Limit
MS = Matrix Spike
Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

All results expressed as 11 M mg/L of total allaryte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Attention: Ms. Jymalyn Redmond Reference # 27830 QC Address: 4659 Huffman Rd. P.O. # E11105	 December 3, 2012	Report Date:	Goodwyn, Mills & Cawood	Client:
Address ACCOTTLES D.1		Reference #	Ms. Jymalyn Redmond	Attention:
		P.O. #	4659 Huffman Rd.	Address:
Grady, AL 36036 Project ID: Walter Coke		Project ID:	Grady, AL 36036	

QC Matrix:	water	Analytical	
Date Received:	11/29/12	Analyst:	Kevin Doriety
Date Collected:	11/26 - 28/12	Date Analysis:	12/3/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	I	META	NALY'	TES			
			LAB ID				
	LABID		139449MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	1 00	IPC	IPC %	
as Total	Blank	139449MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.259	87%	0.204	0.200	102%	
QC Matrix:	water		Analytical				
Date Received:	11/29/12		Analyst:		Kevin Doriet	v	
Date Collected:	11/26 - 28/1	2	Date Analysis	:	12/3/12	• •	
Sample Collector:	J.R./ R.N.		Method:		EPA Method	1 6010B	

METALLIC ANALYTES							
			LAB ID				
	LABID		139449MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	139449MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.001	0.565	114%	0.178	0.200	89%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

NX /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Grady, AL 36036 Project ID: Walter Coke	Attention: Address:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	December 11, 2012 27837 QC E11105 Walter Coke
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QC Matrix:	water	Analytical	
Date Received:	11/30/12	Analyst:	Kevin Doriety
Date Collected:	11/27&29/12	Date Analysis:	12/10/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	NALYT	ES					
			LAB ID				
	LABID		139684 MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike		IPC	IPC %	
as Total	Blank	139684 MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.273	94%	0.197	0.200	99%	
QC Matrix:	water		Analytical				
Date Received:	11/30/12		Analyst:		Kevin Doriet	v	-
Date Collected:	11/27&29/1		Date Analysis	;	12/10/12	J	
Sample Collector:	J.R./ R.N.		Method:		EPA Method	6010B	

METALLIC ANALYTES							
			LAB ID				
	LAB ID		139684 MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	70.0	IPC	IPC %	
as Total	Blank	139684 MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.346	99%	0.183	0.200	92%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MUN_/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 12, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27876 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	12/6/12	Analyst:	Kevin Doriety
Date Collected:	12/4 - 5/12	Date Analysis:	12/10/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	ľ	META)	LLIC A	NALY	TES		
			LAB ID				
	LABID		139684MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	TIP-C	IPC	IPC %	
as Total	Blank	139684MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.273	94%	0.197	0.200	99%	
QC Matrix:	water		Analytical				
Date Received:	12/6/12	•	Analyst:		Kevin Dorie	ty	
Date Collected:	12/4 - 5/12		Date Analysis	:	12/10/12	-	
Sample Collector:	J.R./ R.N.		Method:		EPA Method	t 6010B	

METALLIC ANALYTES									
			LAB ID						
	LABID		139684MS	LAB ID	LABID	LAB ID			
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %			
as Total	Blank	139684MS	Recovery %	irc	Conc.	Recovery			
Lead	BDL	0.346	99%	0.183	0.200	92%			

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

///X/__/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	December 17, 2012 27884 QC E11105
L	Oracly, AL 30030	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	12/7/12	Analyst:	Kevin Doriety
Date Collected:	12/3 - 6/12	Date Analysis:	12/11/12
Sample Collector:	J.R./R.N.	Method:	EPA Method 6010B

METALLIC ANALYTES								
			LAB ID					
	LABID		139716MS	LAB ID	LABID	LABID		
Analyte, mg/L as Total	Reagent Blank	LAB ID 139716MS	Spike	IPC	IPC	IP€ %		
Arsenic		 			Conc.	Recovery		
Ascine	BDI.	0.288	91%	0.203	0.200	102%		
QC Matrix:	water	<u> </u>	Analytical	<u> ACRONIS JES JES</u>				
Date Received:	12/7/12	-	Analyst:		Kevin Doriet	v		
Date Collected:	12/3 - 6/12		Date Analysis	:	12/12/12	.,		
Sample Collector:	J.R./ R.N.		Method:		EPA Method	1 6010B		

METALLIC ANALYTES									
			LAB ID						
	LABID		139716MS	LAB ID	LABID	LABID			
Analyte, mg/L	Reagent	LABID	Spike	Th	IPC	IPC %			
as Total	Blank	139716MS	Recovery %	IPC	Conc.	Recovery			
Lead	BDL	0.679	111%	0.210	0.200	105%			

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	December 18, 2012 27914 QC E11105 Walter Coke
<u> </u>			Wallor Core

QC Matrix:	water	Analytical	
Date Received:	12/12/12	Analyst:	Kevin Doriety
Date Collected:	12/11-12/12	Date Analysis:	12/18/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

]	META	LLIC A	NALY	res		
			LAB ID				
	LABID		139843MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	139843MS	Recovery %	~~~~	Conc.	Recovery	
Arsenic	0.003	0.302	85%	0.209	0.200	105%	
QC Matrix:	water		Analytical				
Date Received:	12/12/12	•	Analyst:		Kevin Doriet	v	
Date Collected:	12/11-12/12		Date Analysis:		12/18/12	· J	
Sample Collector:	J.R./ R.N.		Method:		EPA Method	l 6010B	

METALLIC ANALYTES									
			LAB ID						
	LAB ID		139843MS	LAB ID	LABID	LABID			
Analyte, mg/L	Reagent	LABID	Spike	ma	IPC	IPC %			
as Total	Blank	139843MS	Recovery %	IPC	Conc.	Recovery			
Lead	0.007	0.495	116%	0.208	0.200	104%			

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

/QAQC

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	n		
Chene.	Goodwyn, mins & Cawood	Report Date:	December 18, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27923 OC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	12/13/12	Analyst:	Kevin Doriety
Date Collected:	12/13/12	Date Analysis:	12/18/12
Sample Collector:	J.R./R.N.	Method:	EPA Method 6010B

	I	META	LLIC A	NALY'	ΓES		
			LAB ID				
	LABID		139843MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	139843MS	Recovery %	irc	Conc.	Recovery	
Arsenic	0.003	0.302	85%	0.209	0.200	105%	
QC Matrix:	water						
Date Received:	12/13/12	-	Analytical Analyst:		Varia Dada		
Date Collected:	12/13/12		Analysi. Date Analysis:		Kevin Doriet 12/18/12	У	
Sample Collector:	J.R./ R.N.		Method:	EPA Method 6010B			

METALLIC ANALYTES								
			LAB ID					
	LABID		139843MS	LAB ID	LABID	LABID		
Analyte, mg/L	Reagent	LABID	Spike	The C	IPC	IPC %		
as Total	Blank	139843MS	Recovery %	IPC	Conc.	Recovery		
Lead	0.007	0.495	116%	0.208	0.200	104%		

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory JD AL01084

/ QAQC

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Climan	C 1 100 00 1		
Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28402 OC
i		Reference #	28402 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Crade AT 20020	Th. 1 (TT)	
L	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/26/13	Date Analysis:	3/21/13
Sample Collector:	N.B.C./ B.B.	Method:	EPA Method 6010B

METALLIC ANALYTES								
	LAB ID		LAB ID 141902MS	LAB ID	LAB ID	LABID		
Analyte, mg/L as Total	Reagent Blank	LAB ID 141902MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery		
Lead	0.005	0.161	NA*	0.177	0.200	89%		
QC Matrix: Date Received: Date Collected: Sample Collector:	water 3/7/13 2/26/13 N.B.C./ B.B		Analytical Analyst: Date Analysis: Method:		Kevin Doriet 3/21/13 EPA Method	•		

METALLIC ANALYTES								
			LAB ID					
	LABID		141908MS	LAB ID	LAB ID	LABID		
Analyte, mg/L	Reagent	LAB ID	Spike	TDC:	IPC	IPC %		
as Total	Blank	141908MS	Recovery %	IPC	Conc.	Recovery		
Lead	0.001	0.141	NA*	0.191	0.200	96%		

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

_____/ QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	May 9, 2013 28638 QC E11105 Walter Coke	

QC Matrix:	water	Analytical	
Date Received: Date Collected: Sample Collector:	4/19/13 4/15-18/13 J. Redmond/R. Norman	Analyst: Date Analysis: Method:	M. Hageman 5/8/13
		Tizetion.	EPA Method 6010B

			LAB ID	NALYI			i de la compansión de l
A 1	LABID		143042MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	TTD-C	IPC	IPC %	
as Total	Blank	143042MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.005	0.494	NA*	0.203	0.200	102%	•

1	QC MARIA.	water	Analytical		٠,
ı	Date Received:	4/19/13	Analyst:) (Tr	_
1	Date Collected:	4/15-18/13		M. Hageman	
			Date Analysis:	5/8/13	
1	Sample Collector:	J. Redmond/R. Norman	Method:		
_		The second second	THOUSOU.	EPA Method 6010R	

Date Received: Date Collected: Sample Collector:	4/19/13 4/15-18/13 J. Redmond	d/R. Norman	Analysis Date Analysis Method:	s:	M. Hagema 5/8/13 EPA Metho		Willia 70-130
The substitution of the particular constraints		META	LLIC A	NALY?	TES		70-130
			LAB ID				
A 1 - 4 - 7	LAB ID		143049MS	LAB ID	LAB ID	LABID	,
Analyte, mg/L	Reagent	LABID	Spike	Inc	IPC	IPC %	A Meson
as Total	Blank	143049MS	Recovery %	1PC	Conc.	Recovery	turner
Lead	0.007	0.319	NA*	0.198	0.200	99%	Forther Pata
* Not Available due to h	igh dilution						
IPC = Instrument Perform	mance Check	7					758 120
NA = Not Available		•					156 1
BDL = Below Detection	Limit						•

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/ QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



CU				The state of the s
Attention: Address:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	May 9, 2013 28638 E11105 Walter Coke	QC

0000		
QC Matri Date Rec		Analytical
Date Coll Sample C	ected: 4/15-18/13	Analyst: M. Hageman Date Analysis: 5/8/13
	Totalian	in Wethod: EPA Method 6010B

	MANAGE ASSESSMENT	META	LLIC A	NALY'	TES		
	LAB ID		LABID				
Analyte, mg/L	Reagent	LADID	143042MS	LAB ID	LAB ID	LABID	
as Total	Blank	LAB ID 143042MS	Spike Recovery %	IPC	IPC	IPC %	
Arsenic	0.008	0.297	81%	0.203	0.200	Recovery	
QC Matrix: Date Received: Date Collected: Sample Collector:	water 4/19/13 4/15-18/13 J. Redmond/		Analytical Analyst: Date Analysis; Method:		M. Hageman 5/8/13 EPA Method	102%	

		META	LLIC A	NALY	res		
			LABID			i sekamanan	da subranca
Analyte, mg/L	LABID		143049MS	LAB ID	LABID	LABID	
is Total	Reagent	LABID	Spike	IPC	IPC	IPC %	
Arsenic	Blank	143049MS	Recovery %	ire	Conc.	Recovery	
и эсиис	0.008	0.235	82%	0.185	0.200	93%	

IPC = Instrument Performance Check
NA = Not Available
BDL = Below Detection Limit
MS = Matrix Spike
Detection Limit is Method Detection Limit
All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

2515 5th Avenue South Environmental Company, Inc.

> ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

#28638

Signed: Signed: Relinquished by: Relinquished by Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag
Relinquished by Sampler:

Date Time Received by: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate CLIENT: DATE DELIVERED: 143049 E-Mail: suthlab@bellsouth.net 143046 143045 PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 8h02h/ 143047 LABID HP0234B HP0064B HP0063A FM0296C FM0296A FIELD ID Hare Wynn, Newell, Newton 4/19/13 11:33 " 4/18/13 10:05 4/18/13 09:30 Date Date 4/17/13 09:55 4/17/13 09:25 4/17/13 11:30 Collected Collected DATE Time Time TIME Signed: Received in Laboratory by: Signed: Jonne Davie Received by: SAMPLE DESCRIPTION (matrix) PROJECT Client P.O. # composite soil Preservative: E11105 Container: Walter Coke Messey. Date Date × × × × × × × × × × × Arsenic Phone# / Cell#: PDF Results: Time Time 12 Time × Address: × × E-mail: × × × × × × × × × Lead Invoice # (LAB use only); 28 638 Remarks: PAGE 2 OF 2 Standard Turn Around Time (please note): SAMPLER(S): ANALYSIS REQUESTED / METHOD × × PAH ğ Jymalyn Redmond/ Goodwyn, Mills, Cawood *3-Day ņ <u> vnjalvn.redmond@gmcnetwork.com</u> *2-Day 4659 Huffman Road Grady, AL 36036 *RUSH, mark below Jymalyn Redmond, Ralph Norman 34-590-7010 Fax #: *Next Day *Same Day Last revised 8/6/08 of sample containers Number

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodyng Mill o			
Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd.	Report Date: Reference # P.O. #	May 9, 2013 28638) QC	
Grady, AL 36036 QC Matrix:	Project ID:	EIT105 Walter Coke	

				waiter Coke	
IQ	C Matrix:	\vinta-			
IM	fethod:	water	Analytical		
-		EPA Method 8270C	Analyst:	_	
			miaryst:	Hageman/Currence	
1				e dirence	
ı	DOT 1	CARTE CONT.			

PO	LYNUCI	EAR A	ROMAT				
			NOMA	HC HYD	ROCAR	BONS	-
Polynuclear	LABID	Method			LAB ID		
Aromatics, ppm	Continued	1	1	Analysis			
Acenaphthene	Calibration	, PPA	Date	Time	Calibration	%	Target
Acenaphthylene	0.02070	0.001	4/25/13	1511	0.020	Recovery	
Anthracene	0.02070	0.001	4/25/13	1511	0.020	109%	70-130 70-130
Benzo(a)anthracene Benzo(b)fhuoranthene	0.02086	0.001	4/25/13 4/25/13	1511	0.020	104%	70-130
Benzo(k)fluoranthene	0.02160	0.0001	4/25/13	1511	0.020	104%	70-130
Benzo(ghi)pervlene	0.02169	0.0001	4/25/13	1511	0.020	108%	70-130
Benzo(a)pyrene	0.02203	0.0003	4/25/13 4/25/13	1511	0.020	113%	70-130
Chrysene Dibenzo(ah)anthracene	0.01924	0.0005	4/25/13	1511 1511	0.020	110%	70-130
huoranthene	0.02222	0.001	4/25/13	1511	0.020	96%	70-130
luorene	0.01789 0.02153	0.001	4/25/13	1511	0.020	111%	70-130
ndeno(1,2,3-cd)pyrene	0.02116	0.001	4/25/13	1511	0.020	108%	70-130 70-130
aphthalene henanthrene	0.01784	0.001	4/25/13 4/25/13	1511	0.020	106%	70-130
утеле	0.02164	0.001	4/25/13	1511 1511	0.020	89%	70-130
<u>-</u> -	0.01698	0.0005	4/25/13	1511	0.020	108%	70-130

BDL = Below Detection Limit All results expressed as PPM (mg/L)

/QAQC

ADEM # 41470 EPA Laboratory ID AL01084

GMC QC Gool 80-120

Vin Densety

So Recovery within)
Respectfully submitted, Target Ronge

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	November 30, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27777 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water		Analytical				
Method:	EPA Metho	od 8270D	Analyst:	-	Hageman/C	urrence	
POLYNUCLEAR AROMATIC HYDROCARBONS							
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.00845	0.001	11/21/12	0702	0.010	85%	70-130
Acenaphthylene	0.00802	0.001	11/21/12	0702	0.010	80%	70-130
Anthracene	0.00862	100.0	11/21/12	0702	0.010	86%	70-130
Benzo(a)anthracene	0.01194	0.001	11/21/12	0702	0.010	119%	70-130
Benzo(b)fluoranthene	0.01058	0.0001	11/21/12	0702	0.010	106%	70-130
Benzo(k)fluoranthene	0.00962	0.0001	11/21/12	0702	0.010	96%	70-130
Benzo(ghi)perylene	0.00933	0.0005	11/21/12	0702	0.010	93%	70-130
Benzo(a)pyrene	0.00954	0.0001	11/21/12	0702	0.010	95%	70-130
Chrysene	0.00851	0.0005	11/21/12	0702	0.010	85%	70-130
Dibenzo(ah)anthracene	0.00926	0.001	11/21/12	0702	0.010	93%	70-130
Fluoranthene	0.01021	0.001	11/21/12	0702	0.010	102%	70-130
Fluorene	0.00906	0.001	11/21/12	0702	0.010	91%	70-130
Indeno(1,2,3-cd)pyrene	0.00909	0.001	11/21/12	0702	0.010	91%	70-130
Naphthalene	0.00843	0.001	11/21/12	0702	0.010	84%	70-130
Phenanthrene	0.00860	0.001	11/21/12	0702	0.010	86%	70-130
Pyrene	0.00973	0.0005	11/21/12	0702	0.010	97%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/QAQC

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Quality Environmental Analytical Services

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	November 30, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27777 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	i
L	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	11/16/12	Analyst:	Kevin Doriety
Date Collected:	11/14-15/12	Date Analysis:	11/28/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

METALLIC ANALYTES							
			LAB ID				
	LAB ID		139306MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	Inc.	IPC	IPC %	
as Total	Blank	139306MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.003	0.285	96%	0.205	0.200	103%	
Lead	0.002	1.049	90%	0.185	0.200	93%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

///////////QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	November 30, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27801 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
<u> </u>	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	11/20/12	Analyst:	Kevin Doriety
Date Collected:	11/19-20/12	Date Analysis:	11/28/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	ľ	META	LLIC A	NALYI	ΓES		
			LAB ID				
	LAB ID		139306MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	YDC:	IPC	IPC %	
as Total	Blank	139306MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.003	0.285	96%	0.205	0.200	103%	
Lead	0.002	1.049	90%	0.185	0.200	93%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Respectfully submitted,

Kin Donat

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 3, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27830 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical		
Method:	EPA Method 8270D	Analyst:	Hageman/Currence	
1	POLYNUCLEAR A	AROMATIC I	HYDROCARBONS	
	TAD ID MAL		CONSTRUCTION TO THE PARTY OF TH	

	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01020	0.001	11/30/12	2250	0.010	102%	70-130
Acenaphthylene	0.01075	0.001	11/30/12	2250	0.010	108%	70-130
Anthracene	0.00885	0.001	11/30/12	2250	0.010	89%	70-130
Benzo(a)anthracene	0.00920	0.001	11/30/12	2250	0.010	92%	70-130
Benzo(b)fluoranthene	0.00950	0.0001	11/30/12	2250	0.010	95%	70-130
Benzo(k)fluoranthene	0.00858	0.0001	11/30/12	2250	0.010	86%	70-130
Benzo(ghi)perylene	0.00924	0.0005	11/30/12	2250	0.010	92%	70-130
Benzo(a)pyrene	0.00851	0.0001	11/30/12	2250	0.010	85%	70-130
Chrysene	0.00937	0.0005	11/30/12	2250	0.010	94%	70-130
Dibenzo(ah)anthracene	0.00872	0.001	11/30/12	2250	0.010	87%	70-130
Fluoranthene	0.00928	0.001	11/30/12	2250	0.010	93%	70-130
Fluorene	0.01103	0.001	11/30/12	2250	0.010	110%	70-130
Indeno(1,2,3-cd)pyrene	0.00857	0.001	11/30/12	2250	0.010	86%	70-130
Naphthalene	0.00831	0.001	11/30/12	2250	0.010	83%	70-130
Phenanthrene	0.00906	0.001	11/30/12	2250	0.010	91%	70-130
Рутепе	0.00902	0.0005	11/30/12	2250	0.010	90%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

EPA Laboratory ID AL01084

MH /QAQC

Respectfully submitted,

Kevin Doriety

Analytical Chemist

Non Dong

2515 5th Avenue South Environmental Company, Inc.

PHONE (205)581-9500 FAX (205)581-9504 E-Mail: suthlab@bellsouth.net

B'HAM, AL 35233

ANALYSIS REQUEST CHAIN OF CUSTODY

Name/Co.:

SEND REPORT TO:

Phone# / Cell#: Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036 34-590-7010 lymalyn,redmond@gmcnetwork.com Fax #:

~181U			i	Jaban 17 Melly				
7	Invoice# (LAB use only	2:53	12/10/151	Signed: MC Mml.				Signed:
pr. (xa)	Refrigerated appa receipts	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
				Signed:				Signed:
	Remarks:	Time	Date	Received by:	Time	Date		Relinquished by:
*2-Day	*3-Day				,	7.1	7	
*RUSH, mark below	Standard			Signed:		12/6/5	MAN AND AND AND AND AND AND AND AND AND A	Signed: My
(please note):	Turn Around Time (please note):	Time	Date	Received by:	Time	Date	Sampler/) //	Relinquished by
				Vial, (t) Tedlar bag Container:	(v) VOC	(p) Plastic	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type: (
Last revised			B	n Acetate Preservative:	aOH, (c)Z	2SO4, (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)I
	Х	×	×	composite soil	14:14	12/5/12	CV0442B	139084
		X	X	composite soil	15:18	12/5/12	FM0080C	1391083
		Х	×	composite soil	11:39	12/5/12	FM0311A	130/087
		×	X	composite soil	9:42	12/5/12	FM0025C	130/081
		×	×	composite soil	11.46	12/4/12	CV0157C	1391080
		×	Х	composite soil	9:50	12/4/12	CV0330A	1391079
		×	Х	composite soil	14:38	12/4/12	CV0526B4	370021
	X	×	×	composite soil	14:07	12/4/12	CV0526	139677
	X	X	X	composite soil	15.33	12/4/12	CV0707B	139676
of sample containers	РАН	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME Collected	DATE TIME Collected Collected	FIELD ID	LAB ID
			ic				RED:	DATE DELIVERED:
ESTED / METHOD	ANALYSIS REQUEST				**************************************			
Jymalyn Redmond, Ralph Norman	SAMPLER(S): (print)		Coke	PROJECT: Walter Coke	ewton	ewell, N	Hare Wynn, Newell, Newton	CLIENT:
	yes no	PDF Results:	מק	Client r.U. # E11105				
ivmalyn.redmond@amcnetwork.com	iymi	E-mail:					bellsouth.net	E-Mail: suthlab@bellsouth.net
5 - 570 / OTO								1

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 12, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27876 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical				
Method:	EPA Metho	od 8270D	Analyst:		Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Aпalysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.00091	0.001	12/11/12	1445	0.001	91%	70-130
Acenaphthylene	0.00093	0.001	12/11/12	1445	0.001	93%	70-130
Anthracene	0.00094	0.001	12/11/12	1445	0.001	94%	70-130
Benzo(a)anthracene	0.00110	0.001	12/11/12	1445	0.001	110%	70-130
Benzo(b)fluoranthene	0.00110	0.0001	12/11/12	1445	0.001	110%	70-130
Benzo(k)fluoranthene	0.00098	0.0001	12/11/12	1445	0.001	98%	70-130
Benzo(ghi)perylene	0.00092	0.0005	12/11/12	1445	0.001	92%	70-130
Вепло(а)ругепе	0.00097	0.0001	12/11/12	1445	0.001	97%	70-130
Chrysene	0.00100	0.0005	12/11/12	1445	0.001	100%	70-130
Dibenzo(ah)anthracene	0.00095	0.001	12/11/12	1445	0.001	95%	70-130
Fluoranthene	0.00096	0.001	12/11/12	1445	0.001	96%	70-130
Fluorene	0.00099	0.001	12/11/12	1445	0.001	99%	70-130
Indeno(1,2,3-cd)pyrene	0.00095	0.001	12/11/12	1445	0.001	95%	70-130
Naphthalene	0.00112	0.001	12/11/12	1445	0.001	112%	70-130
Phenanthrene	0.00107	0.001	12/11/12	1445	0.001	107%	70-130
Рутепе	0.00094	0.0005	12/11/12	1445	0.001	94%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

	invoice#(LAB use only)	2:45	12/7/12	Signed: McMook				Signed.
	Refrigerated upon setelpt:	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
			-	Signed:				olgned:
	Remarks:	Time	Date	Received by:	Time	Date		Relinquished by
*2-Day *Next Day *Same Day	*3-Day				Ц	19 19	hand	100
*RUSH, mark below	Standard *RU		1	Signed:		1/4	1	Signed:
	Turn Around Time	Time	Date		Time	Date	Sampley,	Relinquished by Sampley
501/5/8 D261/31 (CD.)				edjar bag	tic, (v) VOC 1		Container type: (a) Amber, (g) Glass,	Container type:
				n Acetate Preservative:	t)NaOH, (e)Zr	H ₂ SO ₄ , (d	Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate	Preservative: (a)
· .	×¢	×	X	composite soil	2 1:50	12/6/12	• CV0640A	139712
	S	*	*	composite soil	9,13	12/6/12	1H'0196A	
		×	×	composite soil	2:20	12/5/12	HP0022B	ĵ, rc
1		×	×	composite soil	+	12/5/12	A/6004H	01/HC
	×	×	×	composite soil	1-	12/3/12	HP0012A	10/101
	×	×	×	composite soil	+-	12/5/12	TIPO2124	80/401
]		×	×	composite soil	+	12/5/12	No.704H	100 PG
	×	×	×	composite soil	+	10012	VILCOULI	13000C
	×	×	×	composite soil	+	13/6/1	CV0641 A	מערטבו
		: >	: >	composite soil	+	12/6/12	HP0070A	120775
	,	<u>{</u>	<	composite soil	12 9:13	12/6/12	A9610dH	130704
	×	×	×	composite soil	10:53	12/6/12	HP0108D	139763
		Х	×	composite soil	10:43	12/6/12	HP0108C	139702
of sample containers	PAH	Lead	Arse	SAMPLE DESCRIPTION (matrix)	15	Collect	TIELU ID	CAO (C)
Number		ł	nic		TIME	DATE		3
							RED: 14/2	DATE DELIVERED:

ESTED / METHOD	ANALYSIS REQUESTED / METHOD							
Jymalyn Redmond, Ralph Norman	(print)		Coke	Walter Coke	ACMIOI	I 46 Well,	ine with the well, included	
	SAMPI FR(S)		2	PROJECT:	Menuton	Nawali	Hare Wynn	CLIENT:
	yes no	PDF Results:	ĮĄ					
<u>lymalyn.redmond@gmcnetwork.com</u>	imvj	E-mail:		Client P.O. # E11105			@bellsoutn.net	E-Mail: Sumlab@beilsouth.net
34-590-7010		Phone# / Cell#:	. Pho		2	5)581-95	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)5
Grady, AI, 36036							233	B'HAM, AL 35233
4659 Huffman Road	271144	Address:		ı			e South	2515 5th Avenue South
Redmond/Goodusm Wills Council	Ivmalvn I	Name/Co ·		ANALYSIS REQUEST			Company, Inc.	Environmental Company, Inc.
27884	SEND REPORT TO:	SEND RE		CHAIN OF CUSTODY				Sutherland

2515 5th Avenue South Environmental Company, Inc.

E-Mail: suthlab@bellsouth.net

Client P.O. #

E11105

PDF Results:

yes

no

Fax #:

PHONE (205)581-9500 FAX (205)581-9504

B'HAM, AL 35233

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Name/Co.:

Phone# / Cell#: Address: E-mail: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road ivmalyn.redmond@gmcnetwork.com Grady, AL 36036 34-590-7010

CLIENT:	Hare Wynn, Newell, Newton	lewell, Newt	ļ:	PROJECT: Walte	Walter Coke		SAMPLER(S):	κ(S):	1			
							(print)			symatyn realliond, raipii Roffian	Naipii Noii	nan
							ANALYS	ANALYSIS REQUEST	TED / METHOD	THOD		

DATE DELIVERED:	ED: /2/9//	7										
					c							
LABID	FIELD ID	DATE TO	TIME Collected	SAMPLE DESCRIPTION (matrix)	rseni	ead	ΑН					Number of sample
139713	HP0095B	12/6/12 3:50	3	composite soil	< A	< I	P					containers
•	CV0560B	12/3/12 I	1:55	composite soil	« ;	‹ ;						. -
	CV0251A	12/3/12 2	2:46	composite soil	* *	;	;		-			_
	. CVAA77D	+		i o one odin	>	>	×					,
-	C 4 007 / 10	12/3/12 3	0.40	composite soil	×	×						,
									1			
									-			
								-				
									-			
Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate	L, (b)HNO3, (c)H,	2SO4, (d)NaOH	l, (e)Zn	Acetate Preservative:					_			I ant an ind
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Amber, (g) Glass,	(p) Plastic, (v)	VOC V	ial, (t) Tedlar bag Container:								8/6/08
Signed A - V	impiek	Date	Ime	eceived by:	Date	Time	Turn Arou	Turn Around Time (ple	lease note):	·π		
Mon	Land	14/1/2:	2:45	Signed:			Standard			*RUSH, mark below		
Relinguished by		┸						*3-Day	*2-Day	*Next Day	*Same Day	
Signed:		Date 11	l'ime R	Received by: Signed:	Date	Time	Remarks:					
Relinquished by:		Date Ti	Time R	Received in Laboratory by:	Date	Time	Refrigerated	Reingerated upon receipt:	•	5		
0			<u> </u>	Jashe McMally	12/7/12	2:46	invoice#()	Invoice # (LAB use only	Ì	27884		

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Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27884 OC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical		***************************************		
Method:	EPA Metho	d 8270D	Analyst:	•	Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDI	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.00103	0.001	12/14/12	1241	0.001	103%	70-130
Acenaphthylene	0.00091	0.001	12/14/12	1241	0.001	91%	70-130
Anthracene	0.00093	0.001	12/14/12	1241	0.001	93%	70-130
Benzo(a)anthracene	0.00094	0.001	12/14/12	1241	0.001	94%	70-130
Benzo(b)fluoranthene	0.00090	0.0001	12/14/12	1241	0.001	90%	70-130
Benzo(k)fluoranthene	0.00084	0.0001	12/14/12	1241	0.001	84%	70-130
Benzo(ghi)perylene	0.00095	0.0005	12/14/12	1241	0.001	95%	70-130
Benzo(a)pyrene	0.00080	0.0001	12/14/12	1241	0.001	80%	70-130
Chrysene	0.00094	0.0005	12/14/12	1241	0.001	94%	70-130
Dibenzo(ah)anthracene	0.00072	0.001	12/14/12	1241	0.001	72%	70-130
Fluoranthene	0.00095	0.001	12/14/12	1241	0.001	95%	70-130
Fluorene	0.00091	0.001	12/14/12	1241	0.001	91%	70-130
Indeno(1,2,3-cd)pyrene	0.00076	0.001	12/14/12	1241	0.001	76%	70-130
Naphthalene	0.00113	0.001	12/14/12	1241	0.001	113%	70-130
Phenanthrene	0.00091	0.001	12/14/12	1241	0.001	91%	70-130
Pyrene	0.00091	0.0005	12/14/12	1241	0.001	91%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

MH /QAQC

ADEM # 41470 EPA Laboratory ID AL01084 Respectfully submitted,

Environmental Company, Inc. 2515 5th Avenue South

E-Mail: suthlab@bellsouth.net

Client P.O. #

E11105

PDF Results:

yes

Ö

ymalyn.redmond@gmcnetwork.com 34-590-7010

Fax #

E-mail:

Phone# / Cell#:

Address:

PHONE (205)581-9500 FAX (205)581-9504

B'HAM, AL 35233

CHAIN OF CUSTODY ANALYSIS REQUEST

Name/Co.:

SEND REPORT TO:

Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036

The same and			-						を 5 できた 5 できる 17 Man
CEIENI: Ha	Hare Wynn, Newell, Newton	well, Ne		PROJECT: Walter Coke	r Coke		SAMPLER(S):	Jymalyn Redmond, Ralph Norman	h Norman
		7.1					ANALYSIS REQUESTED / METHOD	ED / METHOD	
DATE DELIVERED:	12/12/								Section 1
		-			ic				
LAB ID F	FIELD ID	Collected Collected		SAMPLE DESCRIPTION (matrix)	Arsen	.ead	PAH		of sample
139818 H	HP0195C	12/11/12	15:09	composite soil	×	× I	× 1		containers
H 018661	HP0128B	12/11/12	12:20	composite soil	×	× ;	;		<u>-</u>
139820 HI	HP0141A	12/11/12	13:42	composite soil	×	×	×		· -
13982 H	HP0103B	12/11/12	13:16	composite soil	×	×	,		1 1
130802 HI	HP0107A	12/11/12	9:00	composite soil	×	×			
130823 HI	HP0262A	12/11/12	10:03	composite soil	×	×			
139824 HI	HP0179A	12/12/12	13:42	composite soil	×	×			-
HI 528661	HP0306B	12/12/12	10:13	composite soil	×	×	×		
	L	12/12/12/	9:03	composite soil	×	×			
	<u></u>	12/12/12	13:12	composite soil	×	×			
	Ļ	12/12/12	1:59	composite soil	×	×			
134829 HI	HP0421C	12/12/12	11:22	composite soil	×	×			
Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	b)HNO3, (c)H2S	O, (d)Nac)H, (e)Zn	Acetate Preservative:					I get provided
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	xer, (g) Glass, (p	Plastic, (v	V) VOC V	ial, (t) Tedlar bag Container:					8/6/08
Signed:	\ \ \	Date	ıme R	Received by:	Date	Time	Turn Around Time (ples	ase note):	
A Book de	and	1/2/12 4	4:20	Signed:		·		'RUSH, mark below	
Relinquished by:		Date	Time R	Received by:	Date	Time	Remarks:	rane Day	c Day
Signed:				Signed:		1			
Relinquished by:		Date	Time R	Received in Laboratory by:	Date	Time	Refrigesated upon receipts		
q				Jakha McMilly	12/12/12	4:26	12/12/12 A: 20 Invoice # (LAB use only)	27914	

B'HAM, AL 35233 2515 5th Avenue South Environmental Company, Inc.

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND REPORT TO:

Name/Co.:

Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036

DLICATE CORRECT DEND EAV COR)))			Grady, AL 36036	
F-Mail: suthlak@hellsouth not)381-9304		Phone# / Cell#:	sl#: 34-590-7010	
E MAINTENANCE SCHOOL STATE		Client P.O. # E11105		E-mail: jymalyn.redmond@gmcnelwork.com	
			PDF Results:	ults: yes no Fax#:	
CLIENT: Hare Wynn, N	Hare Wynn, Newell, Newton	PROJECT:	Walter Coke	SAMPLER(S): Jymalyn Redmond, Ralph Norman	orman
				ANALYSIS REQUESTED / METHOD	
DATE DELIVERED: 12/2/	7		ic		
LAB ID FIELD ID	DATE TIME Collected Collected	SAMPLE DESCRIPTION (matrix)	matrix)	PAH	of sample
139330 CV0507B	12/12/12 10:11	composite soil	-	-	
139831 CV0109A	12/12/12 9:12	composite soil	×		
139832 CV0703A	12/12/12 3:20	composite soil	X		
139833 CV0705B	12/12/12 2:46	composite soil	X	X	,
Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	I_2SO_4 , (d)NaOH, (e)		Preservative:		Last revised
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	(p) Plastic, (v) VOC		Container:		8/6/08
Kelinguished by Sampler:	Date Time	Received by:	Date Time	ne Turn Around Time (please note):	
I want to the south of	12/12/12 A. 20	Signed:		Standard *RUSH, mark below	
Relinquished by:	Date Time	Received by:	Date Time	Remarks:	
Signed:		Signed:			
Relinquished by:	Date Time	Received in Laboratory by:	Date Time	10 Refrigerated along sweether (Arriv) no	
olguca.		Josho McMally	12/12/12 4:20	0 Invoice # (LAB use only) 727014	

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 18, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27914 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water		Analytical					
Method:	EPA Method 8270D		Analyst: Hageman/Currence					
POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARI	BONS		
	LAB ID	Method			LAB ID			
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target	
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)	
Acenaphthene	0.00094	0.001	12/14/12	2200	0.001	94%	70-130	
Acenaphthylene	0.00090	0.001	12/14/12	2200	0.001	90%	70-130	
Anthracene	0.00086	0.001	12/14/12	2200	0.001	86%	70-130	
Benzo(a)anthracene	0.00099	0.001	12/14/12	2200	0.001	99%	70-130	
Benzo(b)fluoranthene	0.00103	0.0001	12/14/12	2200	0.001	103%	70-130	
Benzo(k)fluoranthene	0.00096	0.0001	12/14/12	2200	0.001	96%	70-130	
Benzo(ghi)perylene	0.00102	0.0005	12/14/12	2200	0.001	102%	70-130	
Benzo(a)pyrene	0.00102	0.0001	12/14/12	2200	0.001	102%	70-130	
Chrysene	0.00093	0.0005	12/14/12	2200	0.001	93%	70-130	
Dibenzo(ah)anthracene	0.00087	0.001	12/14/12	2200	0.001	87%	70-130	
Fluoranthene	0.00095	0.001	12/14/12	2200	0.001	95%	70-130	
Fluorene	0.00087	0.001	12/14/12	2200	0.001	87%	70-130	
Indeno(1,2,3-cd)pyrene	0.00089	0.001	12/14/12	2200	0.001	89%	70-130	
Naphthalene	0.00114	0.001	12/14/12	2200	0.001	114%	70-130	
Phenanthrene	0.00087	0.001	12/14/12	2200	0.001	87%	70-130	
Pyrene	0.00095	0.0005	12/14/12	2200	0.001	95%	70-130	

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/ QAQC

ADEM #41470

EPA Laboratory ID AL01084

Respectfully submitted,

#27966

₩ 21966	Refregerated agos receipts Invoice # (LAB use only)	Time 925	Date 12/20	Received in Laboratory by: Signed:	Time	Date 12/20	State of	Relinquished by:
	Remarks:	Time	Date	Received by: Signed:	Time	Date		Signed:
*RUSH, mark below	Standard			nifica	ii			Delination
lease note):	Turn Around Time (ple	Time	Date	Received by:	1 Hillie	Dail.	7	Signed:
	42	22	22		s, (v) VOC V	(p) Plastic	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (l) Tedlar bag Relinquished by Sampler:	Relinguished by
				Acetate Preservative:	NaOH, (e)Zn	t₂SO₄, (d)ì	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acctate	Preservative: (a)
	×	×	×	composite soil		12/19/12	THS012	140017
	×	×	×	composite soil		12/19/12	1HS011	91004
	×	×	×	composite soil		12/19/12	1HS010	140015
	×	×	×	composite soil		12/19/12	THS009	H001H
	X	×	×	composite soil		12/19/12	800SH.L	140013
	×	×	×	composite soil		12/19/12	1HS007	140012
	×	×	×	composite soil		12/19/12	1HS006	148017
	×	×	×	composite soil	2	12/19/12	COOSHI	0000
	X	X	×	composite soil		12/19/12	THS004	19009
	×	×	×	composite soil	2	12/19/12	THS003	RODOH
	×	×	X	composite soil	2	12/19/12	1HS002	14000
	X	Х	×	composite soil		71/21/71	TOOCITY	00000
	PAE	Lead	Arso	SAMPLE DESCRIPTION (matrix)	HO.	Collected	THSOOI	14000
		ı	enic		TIME	DATE	FIEL D D	TARID
							RED:	DATE DELIVERED:
STED / METHOD	ANALYSIS REQUEST							
Jymalyn Redmond, Ralph Norman	(print)						A CONTRACTOR OF THE CONTRACTOR	
	SAMPLER(S):		Coke	PROJECT: Walter Coke	Newton	Newell,	Hare Wynn, Newell, Newton	CLUCIAL.
								CLENT
<u>\vn.redmond@gmcnetwork.com</u> Fax #·	yes no ymalyr	PDF Results:	PI	Client P.O. # EBHM121004				
34-590-7010		Phone# / Cell#:	Phor		•	•	bellsouth.net	E-Mail: suthlab@bellsouth.net
Grady, AL 36036		:	!		4	5)581-950	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)5
4659 Huffman Road		Address:					33	B'HAM, AL 35233
Jymalyn Redmond/ Goodwyn, Mills, Cawood		Name/Co.:		ANALYSIS REQUEST			e South	2515 5th Avenue South
#27966	SEND REPORT TO:	SEND R		CHAIN OF CUSTODY			Campani I.,	Sutherland
j -								}

2515 5th Avenue South Environmental Company, Inc.

B'HAM, AL 35233

E-Mail: suthlab@bellsouth.net

CLIENT:

DATE DELIVERED:

CHAIN OF CUSTODY

SEND REPORT TO:

#27966

Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag PHONE (205)581-9500 FAX (205)581-9504 Hare Wynn, Newell, Newton [12/₂₀ 12/19/12 12/19/12 12/19/12 12/19/12 12/19/12 12/19/12 12/19/12 12/19/12 Collected Collected Date Date Date DATE 13. 15. TIME Time Time Signed: Signed: Signed: Received by: Received in Laboratory by: Received by: SAMPLE DESCRIPTION (matrix) PROJECT Client P.O. # ANALYSIS REQUEST composite soil EBHM121004 Preservative: Container: Walter Coke Date Date Date × × × × × × × × Arsenic Phone# / Cell#: PDF Results: Name/Co.:_ 925 Time Time E-mail: Address: Lead × × × × × × × × Refrigerated upon recript.
Invoice # (LAB use only) Remarks: Standard Turn Around Time (please note): SAMPLER(S): ANALYSIS REQUESTED / METHOD PAH × × yes \times × × × × × Jymalyn Redmond/ Goodwyn, Mills, Cawood 5 iymalyn,redmond@gmcnetwork.com 4659 Huffman Road ã Grady, AL 36036 Jymalyn Redmond, Ralph Norman 34-590-7010 *RUSH. mark below X three day 27966 E E of sample containers Last revised Number 8/6/08

140023 140022

S-2004 40024

THS020 THS019 THS018 **THS017** 40020

THS015 THS014 THS013 FIELD ID

भुववा

4002

THS016

8100h

LAB ID

Signed: Relinquished by:

Signed:

Relinquished by Sampler:

2515 5th Avenue South Environmental Company, Inc.

E-Mail: suthlab@bellsouth.net

Client P.O. #

E11105

yes

70

Fax #:

PHONE (205)581-9500 FAX (205)581-9504

B'HAM, AL 35233

ANALYSIS REQUEST

CHAIN OF CUSTODY

Name/Co.: SEND REPORT TO:

Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road

Phone# / Cell#: E-mail: PDF Results: Address: iymalyn.redmond@gmcnetwork.com Grady, AL 36036 334-590-7010

CLIENT:	Hare Wynn, Newell, Newton	lewell, Ne		PROJECT: Walter Coke	Coke		SAMPLER(S):	Nairimer Berrios-Cartagena/Brittney Brown	ev Brown
							(print)		
							ANALYSIS REQU	ANALYSIS REQUESTED / METHOD	
DATE DELIVERED	~ P								
					ie				7
TVB ID	FIELD ID	DATE Collected	TIME Collected	SAMPLE DESCRIPTION (matrix)	Arseni	Lead	РАН		of sample
41893	HP0026A	2/26/13	13:13	composite soil	X	×			_
141394	HP0240B	2/26/13	14:01	composite soil	×	×			-
41895	HP0164B	2/26/13	14:37	composite soil	×	×			
141896	HP0069B	2/26/13	15:25	composite soil	×	\times	×		_
141897	CV0755C	2/26/13	11:01	composite soil	×	×	×		_
141898	CV0754B	2/26/13	10:43	composite soil	×	×			-
141899	CV0956C	2/26/13	10:10	composite soil	×	×			-
1490	CV0835A	2/26/13	9:00	composite soil	X	×			
199年	FM0225B	2/26/13	9:10	composite soil	×	×			
14902	CV0045A	2/26/13	10:06	composite soil	×	×			
144903	CV0047A	2/26/13	11:02	composite soil	×	×			
141904	CV0118A	2/26/13	13:10	composite soil	×	Х			
reservative: (a)H	Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate	12SO4, (d)Ni	аОН, (e)Zı	n Acetate Preservative:	ICE				Last revised
ontainer type: (a	Amber, (g) Glass	(p) Plastic,	(v) VOC	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Container:	g				8/6/08
Relinquished by Sampler	ampler:	Date	Time	Received by:	Date	Time	Turn Around Time	te (please note):	
Signed:	H	3/1/8	3/1/5 4:50 Signed:	Signed:			Standard		
							3-Day	ay *2-Day *Next Day *Same Day	
Relinquished by: Signed:		Date	Time	Received by: Signed:	Date	Time	Remarks:Page 1 of 2		
Relinquished by:		Date	Time	Received in Laboratory by:	Date	Time	Refrigerated upon rocein	April (B)	
Signed:				Signed McMM	37/13	4:30	Invoice# (LAB us	Invoice# (LAB use only): 28402	
				Q					

70200000000000000000000000000000000000	Invoice#(LAB use on	31/18 4:30	3/1/18	Jahr McMall				0
	Refrigerated upon receipts	Time	Date	Received in Laboratory by:	Time	Date		Reinquished by:
:				Signed:				Signou,
	Remarks: Page 2 of 2	Time	Date	Received by:	Time	Date		Relinquished by:
*2-Day *Next Day *Sume Day	*3-Day						7.	(max)
	Standard X			Signed:	4:30	3/1/3	1	Marie Contract
lease note):	Turn Around Time (p	Time	Date	Received by:	Lime	Date	vampier:	Signadi.
8/6/08			82	Vial, (t) Tedlar bag Container:	c, (v) VOC	, (p) Plastic	Relinquished by Samplan.	Relinguished by S
Last revi			ICE	n Acetate Preservative:	NaOH, (e)Zı	$1_{2}\mathbf{SO}_{4}$, (d) \mathbf{f}	rieservanve: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Container type: (a)H
				composite soil				
				composite soil				
				composite soil				
page 4				composite soil				
				composite soil				
1				composite soil				
1				composite soil				
				composite soil				
)-mat		×	×	composite soil	10:42	2/26/13	CV0046B	141708
1		×	×	composite soil	3 14:17	2/26/13	CV0497B	141907
		Х	Х	composite soil	3 13:45	2/26/13	CV0195B	141400
		Х	×	composite soil	3 12:10	2/26/13	CV0134A	141405
of samp contain	РАН	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME d Collected	DATE Collected	FIELD ID	LAB ID
			îc					
					100000000000000000000000000000000000000	/		DATE DELIVERED.
STED/METHOD	ANALYSIS REQUESTED / METHOD							
Nairimer Berrios-Cartagena/Brittney Brown	(print)		Walter Coke		Newton	Newell, I	nare wynn, newell, newton	
				PROJECT			Uana Wi	CLIENT:
Fax $\#$:	ys. IIO	FOF Results.	_					
yn.redir	-	E-mail:		Client P.O.# E11105				
334-590-7010		Phone# / Cell#:	ן Phoi		•	, , ,	bellsouth.net	E-Mail: suthlab@bellsouth.net
Grady, AL 36036		; •	ł		-	9591-9502	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
4659 Huffman Road		Address:					33	B'HAM, AL 35233
Redmond/ Goodwyn, Mills, Cawood	Jymalyn R	Name/Co.:		ANALYSIS REQUEST			South	2515 5th Avenue South
70	SPORT TO:	SEND REPORT		ANALYSIS SECTION			ampany inc	Environmental Company inc

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28402 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical	_			
Method:	EPA Metho	d 8270C	Analyst:		Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARE	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%
Acenaphthene	0.02123	0.001	3/12/13	1537	0.020	106%	70-130
Acenaphthylene	0.02235	0.001	3/12/13	1537	0.020	112%	70-130
Anthracene	0.02395	0.001	3/12/13	1537	0.020	120%	70-130
Benzo(a)anthracene	0.01533	0.001	3/12/13	1537	0.020	77%	70-130
Benzo(b)fluoranthene	0.01855	0.0001	3/12/13	1537	0.020	93%	70-130
Benzo(k)fluoranthene	0.01806	0.0001	3/12/13	1537	0.020	90%	70-130
Benzo(ghi)perylene	0.01760	0,0005	3/12/13	1537	0.020	88%	70-130
Benzo(a)pyrene	0.01802	0,0001	3/12/13	1537	0.020	90%	70-130
Chrysene	0.02036	0.0005	3/12/13	1537	0.020	102%	70-130
Dibenzo(ah)anthracene	0.01775	0.001	3/12/13	1537	0.020	89%	70-130
Fluoranthene	0.01939	0.001	3/12/13	1537	0.020	97%	70-130
Fluorene	0.01669	0.001	3/12/13	1537	0.020	83%	70-130
Indeno(1,2,3-cd)pyrene	0.01745	0.001	3/12/13	1537	0.020	87%	70-130
Naphthalene	0.02271	0.001	3/12/13	1537	0.020	114%	70-130
Phenanthrene	0.02239	0.001	3/12/13	1537	0.020	112%	70-130
Pyrene	0.01944	0:0005	3/12/13	1537	0.020	97%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

2515 5th Avenue South Environmental Company, Inc.

PHONE (205)581-9500 FAX (205)581-9504 E-Mail: suthlab@bellsouth.net B'HAM, AL 35233

Client P.O. #

E11105

Phone# / Cell#:

E-mail:

iymalyn.redmond@gmcnetwork.com 34-590-7010

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND REPORT TO:

Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036

CLIENT: Hare Wynn, Newell, Newton PROJECT: DATE DELIVERED: DATE TIME SAMPLE DESCR 14 910 CV0740A 2/27/13 14:00 compos 14 912 CV0078C 2/27/13 13:20 compos 14 912 CV00740A 2/27/13 10:14 compos 14 912 CV0530A 2/27/13 10:14 compos 14 916 CV0568A 2/27/13 9:28 compos 14 917 CV0337B 2/27/13 9:55 compos 14 919 CV0379A 2/27/13 11:00 compos 14 919 CV0386B 2/27/13 11:00 compos 14 919 CV0386B 2/27/13 11:00 compos 14 919 CV0386B 2/27/13 14:10 compos 14 919 CV0386B 2/2					
CLIENT: Hare Wynn, Newell, Newton	Chemity.Co. # Extitod	PDF Results:	yes no	Fax#:	
DATE DELIVERED: LAB.ID FIELD ID DATE Collected Coll	PROJECT: Walter Coke	Coke	SAMPLER(S):	Carly Schulz/Brittney Brown	
DATE DELIVERED: LAB ID FIELD ID DATE Collected Coll			ANALYSIS REQUESTED / METHOD	METHOD	
LABED FIELD ID Collected					
LAB ID FIELD ID DATE Collected Collecte				z	Number
44 909 FM0129C 2/27/13 15:21 44 910 CV0740A 2/27/13 14:9 44 912 CV0078C 2/27/13 11:0 44 912 CV0274A 2/27/13 11:0 44 913 CV0491B 2/27/13 10:1 44 914 CV0530A 2/27/13 9:21 44 916 CV0337B 2/27/13 9:5 44 917 CV0337B 2/27/13 11:0 44 917 CV0337B 2/27/13 11:0 44 919 CV03379A 2/27/13 11:0 44 919 CV03379A 2/27/13 11:0 44 919 CV03379A 2/27/13 11:0 44 919 CV03399A 2/27/13 11:0 44 919 CV0386B 2/27/13 11:0 44 919 CV0386B 2/27/13 44 919 CV0386B	E SAMPLE DESCRIPTION (matrix)	Arse	РАН	of coi	of sample containers
4 9 0 CV0740A 2/27/13 14:0 4 9 1 CV0078C 2/27/13 13:2 4 9 2 CV0274A 2/27/13 11:0 4 9 3 CV0491B 2/27/13 10:1 4 9 4 CV0530A 2/27/13 9:28 4 9 5 CV0149A 2/27/13 8:4: 4 9 6 CV0337B 2/27/13 9:5: 4 9 7 CV0337B 2/27/13 11:6 4 9 7 CV0379A 2/27/13 11:6 4 9 7 CV0386B 2/27/13 11:6 4 9 7 CV0386B 2/27/13 14:1 Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (Container type: (a) Amber, (g) Glass, (p) Plastic, (v) Verent Contai	composite soil	Х	X		1
4 9 CV0078C 2/27/13 13:2 4 9 2 CV0274A 2/27/13 11:0 4 9 3 CV0491B 2/27/13 10:1 4 9 4 CV0530A 2/27/13 9:28 4 9 6 CV0149A 2/27/13 9:29 4 9 7 CV0337B 2/27/13 9:59 4 9 7 CV0337B 2/27/13 11:0 4 9 7 CV0339A 2/27/13 11:0 4 9 9 CV0379A 2/27/13 11:0 4 9 9 CV0379A 2/27/13 11:0 4 9 9 CV0386B 2/27/13 11:0 4 9 9 CV0386B 2/27/13 14:1 Preservative: (a)HCL. (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH ₄ , (c) Onlainer type: (a) Amber, (g) Glass, (p) Plastic, (v) Version of the control o		Х Х			_
4 9 2 CV0274A 2/27/13 11:0 4 9 3 CV0491B 2/27/13 10:1 4 9 4 CV0530A 2/27/13 9:28 4 9 5 CV0149A 2/27/13 8:4: 4 9 6 CV0568A 2/27/13 9:5: 4 9 7 CV0337B 2/27/13 9:5: 4 9 6 CV0379A 2/27/13 11:5 4 9 7 CV0379A 2/27/13 14:1 4 9 7 CV0386B 2/27/13 14:1 CV0386B 2/27/13		×			
4 9 3 CV0491B 2/27/13 10:1 4 0 4 CV0530A 2/27/13 9:28 4 0 5 CV0149A 2/27/13 9:09 4 0 6 CV0568A 2/27/13 9:09 4 0 7 CV0337B 2/27/13 11:09 4 0 7 CV0339A 2/27/13 11:09 4 0 7 CV0379A 2/27/13 11:09 4 0 7 CV0386B 2/27/13 11:09 Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (c)Container type: (a) Amber, (g) Glass, (p) Plastic, (v) Version Relinquished by Sampler: Date Tin Signed:	omposite soil	×			
419 4 CV0530A 2/27/13 9:28 419 5 CV0149A 2/27/13 8:49 419 10 CV0568A 2/27/13 9:59 419 47 CV0337B 2/27/13 9:59 419 47 CV0379A 2/27/13 11:59 419 47 CV0386B 2/27/13 14:19 47 47 47 47 47 47 47 47 47 47 47 47 47		X			_
419 5		x			
141910 CV0568A 2/27/13 9:01 141917 CV0337B 2/27/13 9:51 141918 CV0300A 2/27/13 11:01 141919 CV0379A 2/27/13 11:01 1419720 CV0386B 2/27/13 14:1 1419720 CV0386B 2/27/13 14:1	5 composite soil	X			_
4 9 7		X		A CONTROL THE PROPERTY OF THE PARTY OF THE P	
14 9 8 CV0300A 2/27/13 11:0 14 9 9 CV0379A 2/27/13 11:5 14 9 20 CV0386B 2/27/13 14:1 Preservative: (a)HCL, (b)HNO,, (c)H ₂ SO ₄ , (d)NaOH, (c) Container type: (a) Amber, (g) Glass, (p) Plastic, (v) Volume Container type: (a) Ampler: Date Tin Signed Tin	5 composite soil	×			
4 9 9 CV0379A 2/27/13 11:5 4 926		×			,
Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (c)ntainer type: (a) Amber, (g) Glass, (p) Plastic, (v) We Relinquished by Sampler: Signed Amber Sampler: Date Tin Signed Amber Sampler: Relinquished by: Date Tin	composite soil	×			
Preservative: (a)HCL. (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (Container type: (a) Amber, (g) Glass, (p) Plastic, (v) Volume Relinquished by Sampler: Signey Relinquished by: Date Tin	10 composite soil	Х			
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) Variety of the Container type: (a) Amber, (g) Glass, (p) Plastic, (v) Variety of the Container type: Date Times of the Container type: (a) Plastic, (v) Variety of the Container type: (b) Plastic, (v) Variety of the Container type: (b) Plastic, (v) Variety of the Container type: (b) Plastic, (v) Variety of the Container type: (a) Plastic, (v) Variety of the Container type: (b) Plastic, (v) Variety of the Container type: (b) Plastic, (v) Variety of the Container type: (c) Variety of the Container type: (c) Plastic, (v) Variety of the Container type: (d) Plastic, (e) Variety of the Container type: (d) Plastic, (v) Variety of the Container type: (d) Plastic, (e) Variety of the Container type: (e) Variety of the Container type: (e) Variet	(e)Zn Acetate Preservative:	ICE			Last revised
Relinquished by Sampler: Date Times Signed A. The Sampler	OC Vial, (t) Tedlar bag Container:	68			8/6/08
ed by: Date	ne Received by:	Date Time	Turn Around Time (pl	ease note):	
ed by: Date	o iguea.		*3.Day *2.	*2-Day *Next Day *Same Day	
	ne Received by:	Date Time	Remarks: Page 1 of 2		
Signed:					
Relinquished by: Date Time	ne Received in Laboratory by:	Date Time		5) B	
Signed:	Signed: McMolly	3/1/13 4:30) Invoice # (LAB use only): 28403	28403	

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Jymalyn Redmond/ Goodwyn, Mills, Cawood

Signed Malance B'HAM, AL 35233 E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 2515 5th Avenue South Environmental Company, Inc. CLIENT Signed: DATE DELIVERED: Signed: Preservative: (a)HCL, (b)HNO₃, (c) H_2SO_4 , (d)NaOH, (e)Zn Acetate Relinquished by: Relinquished by Relinquished by Sampler: Container type: (a) Amber, (g) Glass, (p) Plastic, (y) VOC Vial, (t) Tedlar bag 141921 141922 LAB ID CV0402A CV0398B Hare Wynn, Newell, Newton FIELD ID Collected Collected 2/27/13 15:15 2/27/13 14:50 3/7/1 4:30 Date Date Date Time Time Time PROJECT SAMPLE DESCRIPTION (matrix) Signed: Received by: Client P.O. # Received by: Signed: Received in Laboratory by: composite soil composite soil E11105 Preservative: Container: Walter Coke ICE Date Date Arsenic × × Phone# / Cell#: PDF Results: Name/Co.: 4:36 Address: E-mail: Time Time Time Lead × SAMPLER(S) Butthesial spot recipe (vd) as Involce # (LAB use only): 28403 Remarks:Page 2 of 2 Standard Turn Around Time (please note): ANALYSIS REQUESTED / METHOD yes PAH × ö *3-Day jymalyn.redmond@gmcnetwork.com 4659 Huffman Road *2-Day Grady, AL 36036 34-590-7010 Fax #: Carly Schulz/Brittney Brown *RUSH, mark below *Next Day *Same Day of sample containers Number Last revised 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28403 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical				
Method:	EPA Metho	d 82/70C	Analyst:	•	Hageman/C	urrence	
		!					
POL	YNUCL	EAR AR	OMATI	С HYDI	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.02123	0.001	3/12/13	1537	0.020	106%	70-130
Acenaphthylene	0.02235	0.001	3/12/13	1537	0.020	112%	70-130
Anthracene	0.02395	0.001	3/12/13	1537	0.020	120%	70-130
Benzo(a)anthracene	0.01533	0.001	3/12/13	1537	0.020	77%	70-130
Benzo(b)fluoranthene	0.01855	0.0001	3/12/13	1537	0.020	93%	70-130
Benzo(k)fluoranthene	0.01806	0,0001	3/12/13	1537	0.020	90%	70-130
Benzo(ghi)perylene	0.01760	0,0005	3/12/13	1537	0.020	88%	70-130
Benzo(a)pyrene	0.01802	0,0001	3/12/13	1537	0.020	90%	70-130
Chrysene	0.02036	0,0005	3/12/13	1537	0.020	102%	70-130
Dibenzo(ah)anthracene	0.01775	0.001	3/12/13	1537	0.020	89%	70-130
Fluoranthene	0.01939	0.001	3/12/13	1537	0.020	97%	70-130
Fluorene	0.01669	0.001	3/12/13	1537	0.020	83%	70-130
Indeno(1,2,3-cd)pyrene	0.01745	0.001	3/12/13	1537	0.020	87%	70-130
Naphthalene	0.02271	0.001	3/12/13	1537	0.020	114%	70-130
Phenanthrene	0.02239	0.001	3/12/13	1537	0.020	112%	70-130

3/12/13

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/QAQC

0.01944

0.0005

ADEM # 41470

Pyrene

EPA Laboratory ID AL01084

Respectfully submitted,

0.020

97%

70-130

1537

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
	Ms. Jymalyn Redmond	Reference #	28403 QC	
l .	4659 Huffman Rd.	P.O. #	E11105	-
1	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/27/13	Date Analysis:	3/22/13
Sample Collector:	C.S./ B.B.	Method:	EPA Method 6010B

	I	METAI	LLIC A	NALY'	TES		
			LAB ID				
	LAB ID		141918MS	LABID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	, no	IPC	IPC %	
as Total	Blank	141918MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.259	91%	0.204	0.200	102%	
QC Matrix:	water		Analytical				
Date Received:	3/7/13		Analyst:		Kevin Dorie	ty	
Date Collected:	2/27/13		Date Analysis	; ;	3/25/13		
Sample Collector:	C.S./ B.B.	1	Method:		EPA Method	d 6010B	

	ľ	METAL	LLIC A	NALYT	ES		
			LABID				
	LABID		141928MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	141928MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.299	95%	0.194	0.200	97%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28403 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical		
Date Received:	3/7/13	Analyst:	Kevin Doriety	
Date Collected:	2/27/13	Date Analysis:	3/25/13	
Sample Collector:	C.S./ B.B.	Method:	EPA Method 6010B	

	I	MEȚAI	LLIC A	NALY	ГES		
			LAB ID				
	LAB ID		141918MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike		IPC	IPC %	
as Total	Blank	141918MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.165	NA*	0.197	0.200	99%	
000							
QC Matrix:	water	-	Analytical				
Date Received:	3/7/13		Analyst:		Kevin Dorie	ty	
Date Collected:	2/27/13	-	Date Analysis	:	3/25/13		
Sample Collector:	C.S./ B.B.		Method:		EPA Method	t 6010B	

	1	META	LLIC A	NALYT	CES		
			LABID				
	LAB ID		141928MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	141928MS	Recovery %	irc	Conc.	Recovery	
Lead	0.009	0.105	NA*	0.198	0.200	99%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND REPORT TO:

Name/Co.: Jymalyn Redmond/ Goody . Mills. Ca

		1									
	Z	£0480 40480	Invoice # (LAB use only):	Invoice#	4 89	37/8	Signed: M MODE				Signed:
		(fa)	Refrigerated apos receipt:	Refrigorate	Time	Date	in Laboratory by:	Time	Date		Relinquished by:
	our. wct	CHANGED OUT	DAMPLE	<u> </u>			Signed:				Signed:
,	- 1			Remarks:	Time	Date	Received by:	Time	Date		Relinquished by:
	Next Day *Same Day	*2-Day *1	*3-Day					7,70	11.14		11/100
	*RUSH, mark below	*RUSH		Standard			Signed:	4:20	7/2		o igned
		lease note):	Turn Around Time (please note):	Turn Arc	Time	Date	Received by:	Time	Date	\\	Kelinquished by Sampler:
8/6/08						60	Vial, (t) Tedlar bag Container:	(v) VOC	(p) Plastic,	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type: (
Last revised						ICE	in Acetate Preservative:	aOH, (e)Zı	1 ₂ SO ₄ , (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)F
_											
							(242)				
—					×	×	'composite soil-	9:30	2/28/13	HP0329C	141430
				X	Х	×	composite soil	10:15	2/28/13	HP0008B	んが形
					Х	Х	composite soil	10:45	2/28/13	HP0330A	1419728
_					Х	X	composite soil	13:55	2/28/13	CV0724A	141927
		_			X	×	composite soil	8:49	2/28/13	CV0275A	141920
<u></u>	15:30	2/27/13	A.		Х	Х	composite soil	9:50	2/28/13	CV0231A	141925
/2 1	wc1 3/8/	\$40ZB	010		Х	X	composite soil	33	2/28/13	G*10286B	141924
1					×	×	composite soil	11:40	2/28/13	CV0944A	141923
of sample containers				РАН	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME Collected	DATE Collected	FIELD ID	LAB ID
Number						iie					
										RED:	DATE DELIVERED:
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ď	ANALYSIS REQUESTED / METHOD	SIS REQUES	ANALYS							
m	Carly Schulz/Brittney Brown	Carly	R(S):	SAMPLER(S): (print)		Coke	PROJECT: Walter Coke		lewell, No	Hare Wynn, Newell, Newton	CLIENT:
									100 mm		
		Fax#:	no	yes	PDF Results:	Jd	Client P.O.# E11105				
	redmond@amcnetwork.com	vn redmond@	i najvn		E-mail:					bellsouth.net	E-Mail: suthlab@bellsouth.net
	-7010	334-590-7010			Phone# / Celi#:	Phon)581-9504	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
	36036	Grady, AL 36036								33	B'HAM, AL 35233
	nan Road	4659 Huffman Road			Address:					South	2515 5th Avenue South
bc	Jymalyn Redmond/ Goodwyn, Mills, Cawood	dmond/ Goo	Jymalyn Re	٤-	Name/Co.:		ANALYSIS REQUEST			ompany, Inc.	Environmental Company, Inc.

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 1, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28404 QC	
Address:	4659 Huffman Rd.	P.O. #	EII105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical				
Method:	EPA Metho	d 8270C	Analyst:	_	Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDE	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.02123	0.001	3/12/13	1537	0.020	106%	70-130
Acenaphthylene	0.02235	0.001	3/12/13	1537	0.020	112%	70-130
Anthracene	0.02395	0.001	3/12/13	1537	0.020	120%	70-130
Benzo(a)anthracene	0.01533	0.001	3/12/13	1537	0.020	77%	70-130
Benzo(b)fluoranthene	0.01855	0.0001	3/12/13	1537	0.020	93%	70-130
Benzo(k)fluoranthene	0.01806	0.0001	3/12/13	1537	0.020	90%	70-130
Benzo(ghi)perylene	0.01760	0.0005	3/12/13	1537	0.020	88%	70-130
Benzo(a)pyrene	0.01802	0.0001	3/12/13	1537	0.020	90%	70-130
Chrysene	0.02036	0.0005	3/12/13	1537	0.020	102%	70-130
Dibenzo(ah)anthracene	0.01775	0.001	3/12/13	1537	0.020	89%	70-130
Fluoranthene	0.01939	0.001	3/12/13	1537	0.020	97%	70-130
Fluorene	0.01669	0.001	3/12/13	1537	0.020	83%	70-130
Indeno(1,2,3-cd)pyrene	0.01745	0.001	3/12/13	1537	0.020	87%	70-130
Naphthalene	0.02271	0.001	3/12/13	1537	0.020	114%	70-130
Phenanthrene	0.02239	0.001	3/12/13	1537	0.020	112%	70-130
Pyrene	0.01944	0.0005	3/12/13	1537	0.020	97%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 1, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28404 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/28/13	Date Analysis:	3/25/13
Sample Collector:	C.S./ B.B.	Method:	EPA Method 6010B

	1	METAI	LLIC A	NALY	ΓES		
			LAB ID				
	LABID		141928MS	LABID	LABID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	141928MS	Recovery %	irc	Conc.	Recovery	
Arsenic	BDL	0.299	95%	0.194	0.200	97%	
00 M			Analistical				
QC Matrix:	water	-	Analytical				
Date Received:	3/7/13		Analyst:		Kevin Dorie	ty	
Date Collected:	2/28/13		Date Analysis	X:	3/28/13		
Sample Collector:	C.S./ B.B.		Method:		EPA Method	l 6010B	

	1	META	LLIC A	NALYT	ES		
			LAB ID				
	LABID		141983MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	141983MS	Recovery %	irc	Conc.	Recovery	
Arsenic	0.026	0.232	81%	0.221	0.200	111%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 1, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28404 OC
Address:	4659 Huffman Rd.	P.O. #	E11105
<u> </u>	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/28/13	Date Analysis:	3/25/13
Sample Collector:	C.S./ B.B.	Method:	EPA Method 6010B

	I	META	LLIC A	NALY'	ΓES		
			LAB ID				
	LABID		141928MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	tnc.	IPC	IPC-%	_
as Total	Blank	141928MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.009	0.105	NA*	0.198	0.200	99%	
QC Matrix:	water		Analytical				
Date Received:	3/7/13	-	Analyst:		Kevin Doriet	ly	
Date Collected:	2/28/13		Date Analysis	:	4/1/13	-	
Sample Collector:	C.S./ B.B.		Method:		EPA Method	t 6010B	

	1	METAI	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		141983MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	VDC	IPC	IPC %	
as Total	Blank	141983MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.082	NA*	0.203	0.200	102%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MT/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Non Dougly

				Q				
	invoice # (LAB use only).————————————————————————————————————	2.45	3 8 B	Signed: McMOOLL				orgined.
	Refrigerated upons receipts: (yes) no	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
	1052			organyu.				(
	Remarks:	Time	Date	Received by:	Time	Date		Relinquished by: Signed:
	*3-Day *2-Day				1	11213	Mm	much
	Standard *RUSH, mark below			Signed:	本	2/0/2	/.	Signed:
	Turn Around Time (please note):	Time	Date	Received by:	Time	Date	Sampler:	Relinquished by Sampler:
8/6/08				Vial, (t) Tedlar bag Container:	(v) VOC	(p) Plastic	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type: (a
Last revised				n Acetate Preservative:	laOH, (e)Zı	I ₂ SO ₄ , (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)H
		Х	Х	composite soil	14.56	3/5/13	CV0277B	14611
		X	Х	composite soil	10:40	3/5/13	CV0399B	141480
_		X	×	composite soil	9:55	3/5/13	CV0552A	141125
-		×	X	composite soil	15:39	3/5/13	CV0632A	141124
_		×	X	composite soil	9:05	3/5/13	CV0588B	141483
-	X	X	X	composite soil	10:35	3/4/13	CV0793A	128615
-		×	Х	composite soil	9:50	3/4/13	CV0079A	141981
,		X	×	composite soil	13:38	3/4/13	CV0193A	141980
		Х	Х	composite soil	11:40	3/4/13	CV0333B	141974
	X	X	X	composite soil	13:31	3/4/13	HP0313A	141978
		X	×	composite soil	15:17	3/4/13	HP0097A	1 614
-		×	×	composite soil	14:21	3/4/13	HP0068A	1419 10
of sample containers	PAI	Lea	Arse	SAMPLE DESCRIPTION (matrix)		Collected	rielDID	S S
Number	I	đ	enic		TIME.	DATE		; ;
							RED:	DATE DELIVERED:
	ANALYSIS REQUESTED / METHOD				######################################			
	SAMPLER(S): Cory Troiano, Redmond (print)		Coke	PROJECT: Walter Coke	L	vewell, N	Hare Wynn, Newell, Newton	
								Of IENT
	yes no Fax#:	PDF Results:	J.P.					
	jymalyn.redmond@gmcnetwork.com	E-mail:		Client P.O. # E11105			bensonn.net	E-tviaii. satiliab@bellsoutii.net
	34-590-7010	Phone# / Cell#:	Phon		_)581-9504	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
	Grady, AL 36036						33	B'HAM, AL 35233
	4659 Huffman Road	Address:					South	2515 5th Avenue South
5.	Jymalyn Redmond/ Goodwyn, Mills, Cawood	Name/Co.:		ANALYSIS REQUEST			ompany, Inc.	Environmental Company, Inc.
0	SEND REPORT TO: 28410	SEND RE		CHAIN OF CUSTODY				Sutherland

2515 5th Avenue South Environmental Company, Inc.

E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504

Client P.O. #

E11105

Phone# / Cell#:

E-mail:

ymalyn.redmond@gmcnetwork.com

34-590-7010

B'HAM, AL 35233

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

28410

Name/Co.: Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036

CLIENT: Hare Wynn, Newell, Newton PROJECT:	T: Walter Coke	e E	SAMPLER(S): [print] ANALYSIS REQUEST	Fax #: Cory Troiano, Redmond	
Hare Wynn, Newell, Newton		(CD	SAMPLER(S): (print) ANALYSIS REQUES:		
			ANALYSIS REQUES:		
	かいましま しょうりゅうそうそうそうかい いっかいかい かいかいかいかいかいかいかいかい かいまし			TED / METHOD	
					1
DATE DELIVERED:					
LAB ID FIELD ID DATE TIME SAMPLE DESCR	SAMPLE DESCRIPTION (matrix)	æad	'AH		Number of sample
	composite soil x	 ×]			containers
14)989 CV00341B 3/5/13 13:15 compos		×			-]-
CV0628A 3/6/13 8:25		×	×		-
CV0713B 3/6/13 9:11		×			- -
CV0144B 3/6/13 9:52	composite soil X	×			
FM0116A 3/6/13 10:37	composite soil X	×	×		_
14194 CV0683C 3/6/13 12:27 compos	composite soil X	×			
141445 CV0683a 3/6/13 12:11 compos	composite soil X	×			
141440 CV0684C 3/6/13 13:01 compos	composite soil X	×	×		_
		_			
Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate					Last revised
ic, (v) voc	Preservative:				8/6/08
7/0	Preservative: Container:	++++		ease note): *RUSH, mark below	
160/20		e Time	Standard Time (pl		
Signed: Date Time Received by: Signed: Signed:	Preservative: Container:		Standard *3-Day	*2-Day *Next Day *Same Day	
	Preservative: Container:		Standard *3-Day Remarks:	*Next Day	
Signed: Date Time Received in Laboratory by:	Preservative: Container:		Standard *3-Day Remarks:	*Next Day	
Take McMaly	Preservative: Container:		Standard Standard 3-Day Remarks: 20f2 Refrigerated apong receipts	*2-Day *Next Day	

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



102%

89%

97%

83%

87%

114%

112%

97%

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28416 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix: Method:	water EPA Metho	od 8270C	Analytical Analyst:	•	Hageman/C	итепсе	
POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.02123	0.001	3/12/13	1537	0.020	106%	70-130
Acenaphthylene	0.02235	0.001	3/12/13	1537	0.020	112%	70-130
Anthracene	0.02395	0.001	3/12/13	1537	0.020	120%	70-130
Benzo(a)anthracene	0.01533	0.001	3/12/13	1537	0.020	77%	70-130
Benzo(b)fluoranthene	0.01855	0.0001	3/12/13	1537	0.020	93%	70-130
Benzo(k)fluoranthene	0.01806	0.0001	3/12/13	1537	0.020	90%	70-130
Benzo(ghi)perylene	0.01760	0.0005	3/12/13	1537	0.020	88%	70-130
Benzo(a)pyrene	0.01802	0.0001	3/12/13	1537	0.020	90%	70-130

3/12/13

3/12/13

3/12/13

3/12/13

3/12/13

3/12/13

3/12/13

3/12/13

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/QAQC

0.02036

0.01775

0.01939

0.01669

0.01745

0.02271

0.02239

0.01944

0.0005

0.001

0.001

0.001

0.001

0.001

0.001

0.0005

Chrysene

Fluorene

Pyrene

Fluoranthene

Naphthalene

Phenanthrene

Dibenzo(ah)anthracene

Indeno(1,2,3-cd)pyrene

ADEM # 41470 EPA Laboratory ID AL01084 Respectfully submitted,

1537

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0.020

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Kevin Doriety

Analytical Chemist

Non Dong

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28416 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	l
ŀ	Grady, AL 36036	Project ID:	Walter Coke	ı

QC Matrix:	water	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	3/4-6/13	Date Analysis:	3/28/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	I	METAI	LLIC A	NALY	ГES		
			LAB ID				
	LAB ID		141983MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	141983MS	Recovery %	irc	Conc.	Recovery	
Arsenic	0.026	0.232	81%	0.221	0.200	111%	
QC Matrix:	water	_	Analytical	_			
Date Received:	3/8/13		Analyst:		Kevin Dorie	ty .	
Date Collected:	3/4-6/13		Date Analysis	S:	3/28/13		
Sample Collector:	C.T./ J.R.		Method:		EPA Method	t 6010B	

	1	METAI	LLIC A	NALYT	ES		
			LAB ID				
	LABID		141993MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	141993MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.001	0.410	77%	0.209	0.200	105%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28416 QC	I
Address:	4659 Huffman Rd.	P.O. #	E11105	i
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	3/4-6/13	Date Analysis:	4/2/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	1	META	LLIC A	NALY.	ГES		
			LAB ID				
	LAB ID		142003MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	TDC	IPC	IPC %	
as Total	Blank	142003MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.003	0.285	80%	0.205	0.200	103%	
OC Matrix:	water		Analytical				
Date Received:	3/8/13		Analyst:		Kevin Dorie	ty	
Date Collected:	3/4-6/13		Date Analysis	:	4/1/13	-	
Sample Collector:	C.T./ J.R.		Method:		EPA Method	t 6010B	

	Ì	META	LLIC A	NALY	ΓES		
			LAB ID				
	LAB ID		141983MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike		IPC	IPC %	
as Total	Blank	141983MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.082	NA*	0.203	0.200	102%	

^{*} Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28416 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
1	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	3/4-6/13	Date Analysis:	4/1/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	1	META	LLIC A	NALY	ΓES		
			LAB ID				
	LABID		141993MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	Imc	IPC	IPC %	
as Total	Blank	141993MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.002	0.144	NA*	0.197	0.200	99%	
QC Matrix:	water		Analytical				
Date Received:	3/8/13		Analyst:		Kevin Dorier	ty	
Date Collected:	3/4-6/13		Date Analysis	:	4/2/13		
Sample Collector:	C.T./ J.R.		Method:		EPA Method	t 6010B	

	1	METAI	LLIC A	NALY	ΓES		
			LAB ID				
	LAB ID		142003MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IBC	IPC	IPC %	
as Total	Blank	142003MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.243	NA*	0.196	0.200	98%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit All results expressed as PPM mg/L of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

B'HAM, AL 35233 2515 5th Avenue South

PHONE (205)581-9500 FAX (205)581-9504

E-Mail: suthlab@bellsouth.net

Client P.O. #

E11105

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Name/Co.: Address:

Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road

ymalyn.redmond@gmcnetwork.com Grady, AL 36036 34-590-7010

Phone# / Cell#:

E-mail:

	only 28417	Invoice# (LAB use	318/8 2:45	31813	Signed Mc MCOlly				Signed:
	Pro (See) Ind	Refrigerated upon receipt:/	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
)	1972			Signed:				Signed:
		Rеmarks;	Time	Date	Received by:	Time	Date	,	Relinquished by:
	*2-Day	*3-Day					ŝ	1/1	July.
	*RUSH, mark below	Standard			Signed:	24:57	2/2	h	Signed:
	(please note):	Turn Arqund Time (pl	Time	Date	Received by:	Time	Date	Sampler:	Relinquished by Sampler:
8/6/08					(v) VOC Vial, (t) Tedlar bag Container:	(v) VOC	10	Container type: (a) Amber, (g) Glass,	Container type: (
Last revised					n Acetate Preservative:	aOH, (e)Z	12SO4, (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)I
					And the state of t				
1			Х	Х	composite soil	3:16	1/16/13	FM0281B	142001
1			×	×	composite soil	2:22	1/16/13	FM0014B	142000
-			х	X	composite soil	1:15	1/16/13	FM0012A	142025
			х	X	composite soil	4:01	1/15/13	CV0819B	142004
			x	×	composite soil	9:22	1/15/13	CV0106A	142003
			x	×	composite soil	10:00	1/15/13	CV0179B	142002
_			Х	Х	composite soil	2:20	1/15/13	CV0334A	4200
1			Х	X	composite soil	4:03	1/16/13	CV0493A	142000
-			Х	×	composite soil	11:05	1/15/13	CV0548A	19100A
-			×	×	composite soil	9:50	1/16/13	CV0739C	141998
_			×	×	composite soil	10:38	1/16/13	CV0888A	141997
of sample containers		РАН	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME Collected	DATE TIME Collected Collected	FIELD ID	LABID
Number				ic					
							1	RED.	DATE DELIVERED
	ANALYSIS REQUESTED / METHOD	ANALYSIS REQU							
	Cory Troiano, Redmond	SAMPLER(S): (print)		Coke	PROJECT: Walter Coke		ewell, No	Hare Wynn, Newell, Newton	CLIENT:
	Fax #:	yes no	PDF Results:	PD	Carrier Co. 17 Edition				

B'HAM, AL 35233 2515 5th Avenue South Environmental Company, Inc.

E-Mail: suthlab@bcllsouth.net

PHONE (205)581-9500 FAX (205)581-9504

CLIENT:

Hare Wynn, Newell, Newton

PROJECT:

Walter Coke

SAMPLER(S):

Jymalyn Redmond, Troiano, Norman

Client P.O. #

E11105

PDF Results:

Ϋ́CS

ᇙ

Fax #:

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND REPORT TO:

Phone# / Cell#: Address: E-mail: Jymalyn Redmond/ Goodwyn, Mills, Cawood
4659 Huffman Road
Gradv ^v ~~~ ymalyn.redmond@gmcnetwork.com Grady, AL 36036 34-590-7010

	38/17 Q.45 Invoice # (I.AB use only) 284/17	10 A 10 A	3/8/	signed McMall				Signed:
	Refrigerated upon specific (yes) no	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
	2072			വളാല				organ.
	Remarks:	Time	Date	Received by:	Time	Date	•	Relinquished by:
	*3-Day *2-Day *Next Day *Same Day				14	210	J. John	Munio
	Standard 'RUSH, mark below	Tro.		Signed:	7	ж /8		Signed:
	Lurn Around Time (please note):	Time	Date	Received by:	Time	Date	Sampler:	Relinquished by Sampler:
8/6/08			Ë	Vial, (t) Tedlar bag Container:	(v) VOC	(p) Plastic	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type: (
Last revised	Ĺasi			n Acetate Preservative:	laOH, (e)Z	1 ₂ SO₄, (d)}\	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)I
		Х	X	composite soil	1:29	1/10/13	HP0231A	142013
j4		Х	×	composite soil	2;15	1/10/13	HP0233A	142012
-		X	X	composite soil	10.31	1/10/13	HP0119B	14201)
1-		×	×	composite soil	9;52	1/10/13	CV0635B	142010
		Х	×	composite soil	9;01	1/10/13	CV0433B	142039
		×	Х	composite soil	3;06	1/10/13	HP0194A	142008
of sample containers	PAH of s	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME Collected	DATE TIME Collected Collected	FIELD ID	LAB ID
Number	Z		ie				RED:	DATE DELIVERED:
	ANALYSIS REQUESTED / METHOD							

Q

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28417 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	1/10-16/13	Date Analysis:	4/2/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	I	META:	LLIC A	NALY	TES		
			LABID				
	LAB ID		142003MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	YD.C	IPC	IPC %	
as Total	Blank	142003MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.003	0.285	80%	0.205	0.200	103%	
QC Matrix:	water		Analytical				
Date Received:	3/8/13		Analyst:		Kevin Dorie	ty	
Date Collected:	1/10-16/13		Date Analysis	:	4/2/13		
Sample Collector:	C.T./ J.R.		Method:		EPA Method	t 6010B	

,	ľ	META	LLIC A	NALYI	ΓES		
			LAB ID				
	LAB ID		142013MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC:	IPC	IPC %	
as Total	Blank	142013MS	Recevery %	irc	Conc.	Recovery	
Arsenic	BDL	0.279	89%	0.208	0.200	104%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28417 OC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	1/10-16/13	Date Analysis:	4/2/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	I	META]	LLIC A	NALY	TES		
			LAB ID				
	LABID		142003MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	mc	IPC	IPC %	
as Total	Blank	142003MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.243	NA*	0.196	0.200	98%	
QC Matrix:	water		Analytical				
Date Received:	3/8/13	•	Analyst:		Kevin Doriet	ty	
Date Collected:	1/10-16/13		Date Analysis	:	4/2/13	•	
Sample Collector:	C.T./ J.R.		Method:		EPA Method	1 6010B	

METALLIC ANALYTES											
			LAB ID								
	LAB ID		142013MS	LAB ID	LAB ID	LABID					
Analyte, mg/L	Reagent	LAB ID	Spike	VDC:	IPC	IPC %					
as Total	Blank	142013MS	Recovery %	IPC	Conc.	Recovery					
Lead	BDL	0.163	NA*	0.198	0.200	99%					

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit All results expressed as PPM mg/L of total analyte

MX /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

How Directy

CHAIN OF CUSTODY

SEND REPORT TO:

Signed: 2515 5th Avenue South Environmental Company, Inc. PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 DATE DELIVERED: CLIENT: E-Mail: suthlab@bellsouth.net Relinquished by: Relinquished by: Preservative: (a)HCL, (b)HNO3, (c)H2SO2, (d)NaOH, (e)Zn Acetate Relinquished by Sampler: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag **42.00** 142103 142151 <u>42</u>に **4253** 142158 M2157 1421540 42124 142|52 42120 1421102 LAB ID CV1151A CV0614B HP0021B CV0150B CV0826A CV0843A CV0200A CV0579B CV0578B HP0047A CV0227A CV0169B FIELD ID Hare, Wynn, Newell, Newton 3/12/13 3/14/13 3/12/13 3/14/13 3/12/13 3/18/15 3/14/13 11:19 3/14/13 10:03 3/12/13 3/12/13 3/12/13 3/12/13 Collected Collected 3/12/13 DATE Date Date 10:40 14:51 13:40 13:07 10:45 TIME 9:01 15:16 10:22 8:55 A:02 9:47 Time Time Time PROJECT Signed: SAMPLE DESCRIPTION (matrix) Received in Laboratory by: Received by: Signed: Client P.O. # ANALYSIS REQUEST composite soil E11105 Preservative: Walter Coke, Inc Container: 3/5/15 Date Date Date lce × × × × × Arsenic × × × \times × × × Phone# / Ceil#: PDF Results: 400 Address: E-mail: Time Time Time PAH's × × × × SAMPLER(S): Turn Around Time (please note): (print)
ANALYSIS REQUESTED / METHOD Refrigerated upon receipt: Standard Invoice # (LAB use only) Remarks: yes Lead × × × × × × × × × × × × g 4659 Huffman Road Grady, AL 36036 *3-Day ymaiyn.redmond@gmcnetwork.com × 334-562-9195 or 590-7010 Jymalyn Redmond *2-Day ă 2841 N. Berrios, Ryan Stubbs Fax #: *RUSH, mark below *Next Day *Same Day of sample Number container Last revised 8/6/08

'n.

2515 5th Avenue South Environmental Company, Inc.

> ANALYSIS REQUEST CHAIN OF CUSTODY

> > SEND REPORT TO:

Jymalyn Redmond

12841

Signed: B'HAM, AL 35233 E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 Signed: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate CLIENT Relinquished by: Relinquished by Sampler: DATE DELIVERED: Relinquished by Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag 142103 42100 142 IU4 42107 42115 42IU8 LAB ID CV0292A CV0968B CV0766A CV0770B CV0865B CV0353A FIELD ID Hare, Wynn, Newell, Newton 3/15/15 3/14/13 3/14/13 3/14/13 Collected 3/15/13 3/14/13 3/14/13 DATE Date Date Date 14:21 15:31 14:00 12:38 Collected 4302 13:22 TIME 8:30 Time Time Time Signed: Signed: Received by PROJECT Received in Laboratory by: Received by: Client P.O. # SAMPLE DESCRIPTION (matrix) composite soil E11105 Preservative: Walter Coke, Inc Container: 3/5/B/4:02 Date Date lce × Arsenic × × × × × × × × × × \times Phone# / Cell#: PDF Results: Address: E-mail: Time Time Time PAH's × × SAMPLER(S): Invoice # (LAB use only): Refrigerated opon receipt: Standard Turn Around Time (please note): PAGE 2 OF 2 ANALYSIS REQUESTED / METHOD yes × Lead × × × × × × × × × × В 4659 Huffman Road Grady, AL 36036 *3-Day ymalyn,redmond@gmcnetwork.com 334-562-9195 or 590-7010 (yes) *2-Day 28447 N. Berrios, Ryan Stubbs *RUSH, mark below 2 *Next Day *Same Day of sample containers Number Last revised 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28447 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water		Analytical	_							
Method:	EPA Metho	d 8270C	Analyst:	-	Hageman/C	штепсе					
POLYNUCLEAR AROMATIC HYDROCARBONS											
	LAB ID	Method			LAB ID						
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target				
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)				
Acenaphthene	0.00812	0.001	3/26/13	1529	0.010	81%	70-130				
Acenaphthylene	0.00861	0.001	3/26/13	1529	0.010	86%	70-130				
Anthracene	0.00927	0.001	3/26/13	1529	0.010	93%	70-130				
Benzo(a)anthracene	0.00757	0.001	3/26/13	1529	0.010	76%	70-130				
Benzo(b)fluoranthene	0.00847	0.0001	3/26/13	1529	0.010	85%	70-130				
Benzo(k)fluoranthene	0.01081	0.0001	3/26/13	1529	0.010	108%	70-130				
Benzo(ghi)perylene	0.00858	0.0005	3/26/13	1529	0.010	86%	70-130				
Benzo(a)pyrene	0.01007	0.0001	3/26/13	1529	0.010	101%	70-130				
Chrysene	0.00945	0.0005	3/26/13	1529	0.010	95%	70-130				
Dibenzo(ah)anthracene	0.00825	0.001	3/26/13	1529	0.010	83%	70-130				
Fluoranthene	0.00821	0.001	3/26/13	1529	0.010	82%	70-130				
Fluorene	0.00836	0.001	3/26/13	1529	0.010	84%	70-130				
Indeno(1,2,3-cd)pyrene	0.00840	0.001	3/26/13	1529	0.010	84%	70-130				
Naphthalene	0.01166	0.001	3/26/13	1529	0.010	117%	70-130				
Phenanthrene	0.00987	0.001	3/26/13	1529	0.010	99%	70-130				
Pyrene	0.00879	0.0005	3/26/13	1529	0.010	88%	70-130				

BDL = Below Detection Limit All results expressed as PPM (mg/L)

ADEM #41470

MO / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Quality Environmental Analytical Services

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28447 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water	Analytical	
Date Received:	3/15/13	Analyst:	Kevin Doriety
Date Collected:	3/12-15/13	Date Analysis:	4/9/13
Sample Collector:	N. Berrios/ R. Stubbs	Method:	EPA Method 6010B

	1	META	LLIC A	NALY'	ГES		
			LAB ID				
	LABID		142160MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	Inc	IPC	IPC %	
as Total	Blank	142160MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.003	0.343	110%	0.196	0.200	98%	
QC Matrix:	water		Analytical	_			
Date Received:	3/15/13		Analyst:		Kevin Dorie	ty	
Date Collected:	3/12-15/13		Date Analysis	S:	4/9/13		
Sample Collector:	N. Berrios/	R. Stubbs	Method:		EPA Method	i 6010B	

	I	META	LLIC A	NALYT	TES		
			LAB ID				
	LABID		142168MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	142168MS	Recovery %	IFC	Conc.	Recovery	
Arsenic	0.008	0.247	92%	0.205	0.200	103%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28447 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water	Analytical	
Date Received:	3/15/13	Analyst:	Kevin Doriety
Date Collected:	3/12-15/13	Date Analysis:	4/8/13
Sample Collector:	N. Berrios/R. Stubbs	Method:	EPA Method 6010B

	1	META!	LLIC A	NALY	ΓES		
			LAB ID				
	LAB ID		142160MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	****C	IPC	IPC-%	
as Total	Blank	142160MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.006	NA*	NA*	0.204	0.200	102%	
QC Matrix:	water		Analytical				
Date Received:	3/15/13		Analyst:		Kevin Dorie	t y	
Date Collected:	3/12-15/13		Date Analysis	:	4/9/13		
Sample Collector:	N. Berrios/	R. Stubbs	Method:		EPA Method	I 6010B	

	ľ	METAI	LLIC A	NALYT	TES		
			LABID				
	LABID		142168MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	142168MS	Recovery %	irc	Conc.	Recovery	
Lead	100.0	NA*	NA*	0.194	0.200	97%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MW /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

ANALYSIS REQUEST CHAIN OF CUSTODY

Name/Co.: SEND REPORT TO

Jymalyn Redmond

Signed: DATE DELIVERED: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 2515 5th Avenue South Signed: Preservative: (a)HCL, (b)HNO₃, (c)H₂SO₄, (d)NaOH, (e)Zn Acetate CLIENT Relinquished by: Signed: Relinquished by: Relinquished by Sampler: container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag CSPEPHI SLEPTI **148377** みため田 48CCH) 13379 1 **586**611 188CH 142276 142278 LAB ID 4998p CV0876A CV0443B FM0017D CV0090B CV0092A FM0312C FM0168A CV0833B FM0017A CV0663B CV0763A CV0368B FIELD ID Hare, Wynn, Newell, Newton 3/22/13 3/21/13 14:59 3/21/13 3/21/13 3/20/13 13:15 3/20/13 13:30 Collected 3/21/13 3/21/13 | 11:35 3/21/13 | 10:46 3/20/13 3/20/13 3/21/13 13:55 3/21/13 13:20 DATE Date Date Date Collected 14:01 14:10 37.28 14:47 9:51 8:32 TIME Time Received by: Time Time Signed: Received by: PROJECT Signed 37 Received in Laboratory by: Signed: SAMPLE DESCRIPTION (matrix) Client P.O. # composite soil Grab Grab ž E11105 Preservative: Walter Coke, Inc Container: 3/22/13/1528 Date Date Date × × Arsenic Ice × × × × × × × × × × Phone# / Cell#: PDF Results: Address: E-mail: Time Time Time ⋈ PAH's × × × SAMPLER(S): Turn Around Time (please note): Invoice # (LAB use only) Refrigerated upon receipts PAGE 1 OF 2 Standard ANALYSIS REQUESTED / METHOD yes × × × × × × × × × × × × no 4659 Huffman Road Grady, AL 36036 *3-Day ymalyn.redmond@gmcnetwork.com × 334-562-9195 or 590-7010 *2-Day N. Berrios, Ryan Stubbs Fax #: たて18で *RUSH, mark below *Next Day *Same Day container of sample Last revised Number 8/6/08

Environmental Company, Inc.

2515 5th Avenue South B'HAM, AL 35233

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND REPORT TO:

Address: Jymalyn Redmond 4659 Huffman Road Grady, AL 36036

PHONE (205)581-9500 FAX (205)581-9504	581-9504	•		Phone	Phone# / Ceil#:		33,	34-562-9195 or 590-7010	
E-Mail: suthlab@bellsouth.net			Client P.O. # E11105		E-mail:		iymalyr	yn.redmond@gmcnetwork.com	
				PDI	PDF Results:	yes	l E	Fax #:	
CLIENT: Hare, Wynn, Newell, Newton	Wynn, Newe Newton		PROJECT: Walter Coke, Inc	oke, Inc		SAMPLER(S) (print)		N. Berrios,	
	Total					ANALYSIS REQUES	REQUEST	TED / METHOD	
DATE DELIVERED:				c					
LABID FIELD ID	DATE Collected	TIME Collected	SAMPLE DESCRIPTION (matrix)	Arseni	PAH's	Lead			of sample
142281 CV0476A		15:35	composite soil	×		X	-		
142387 CV0566B	3/21/13	16:10	composite soil	×		×			
142388 HP0084A	3/22/13	8:05	composite soil	×		×			
142289 HP0084C	3/22/13	8:08	Grab	×		X			,
/出まる90 CV0664A	3/22/13	8:56	composite soil	×		X			
			composite soil	×		X			
			composite soil	×		X			
			composite soil	×		X			_
			composite soil	×		X			<u></u>
			composite soil	×		×			,
			composite soil	×		×			
			composite soil	×		X			_
Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	1,50, (d)N	аОН, (e)Z	n Acetate Preservative:	i Ice					Last revised
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	(p) Plastic	(v) VOC	Vial, (t) Tedlar bag Container:	1					8/6/08
Signed:) /	Time	Signed:	Date	Time	Turn Around Time (r		lease note):	
Mundh	Char	ð					*3-Day	*2-Day *Next Day *Same Day	
Relinquished by: Signed:	Date	Time	Received by: Signed:	Date	Time	PAGE 2 OF 2			
Relinquished by:	Date	Time	Received in Laboratory_by:	Date	Time			633	
Signed:			Signedy)	3/22/13 1528	1528	Invoice * (LAB use on	B use only	HCh8C (Approx	
								A CALL DE LA CALLED LA CAL	

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 16, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28474 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke, Inc.

QC Matrix:	water		Analytical				
Method:	EPA Metho	d 8270C	Analyst:	-	Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDE	OCARE	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01105	0.001	3/27/13	1026	0.010	111%	70-130
Acenaphthylene	0.01041	0.001	3/27/13	1026	0.010	104%	70-130
Anthracene	0.01145	0.001	3/27/13	1026	0.010	115%	70-130
Benzo(a)anthracene	0.00976	0.001	3/27/13	1026	0.010	98%	70-130
Benzo(b)fluoranthene	0.00850	0.0001	3/27/13	1026	0.010	85%	70-130
Benzo(k)fluoranthene	0.00839	0.0001	3/27/13	1026	0.010	84%	70-130
Benzo(ghi)perylene	0.00865	0.0005	3/27/13	1026	0.010	87%	70-130
Вепло(а)рутепе	0.00823	0.0001	3/27/13	1026	0.010	82%	70-130
Chrysene	0.00908	0.0005	3/27/13	1026	0.010	91%	70-130
Dibenzo(ah)anthracene	0.00886	0.001	3/27/13	1026	0.010	89%	70-130
Fluoranthene	0.00876	0.001	3/27/13	1026	0.010	88%	70-130
Fluorene	0.00996	0.001	3/27/13	1026	0.010	100%	70-130
Indeno(1,2,3-cd)pyrene	0.00903	0.001	3/27/13	1026	0.010	90%	70-130
Naphthalene	0.01020	0.001	3/27/13	1026	0.010	102%	70-130
Phenanthrene	0.01063	0.001	3/27/13	1026	0.010	106%	70-130
Pyrene	0.00911	0.0005	3/27/13	1026	0.010	91%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

MX / QAQC ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 16, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28474 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	3/22/13	Analyst:	Kevin Doriety
Date Collected:	3/20-22/13	Date Analysis:	4/15/13
Sample Collector:	N.B. / R.S.	Method:	EPA Method 6010B

	Ì	META	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		142283MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	TDG	IPC	IPC %	
as Total	Blank	142283MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.012	0.341	86%	0.184	0.200	92%	
QC Matrix:	water		Analytical	-			
Date Received:	3/22/13		Analyst:		Kevin Dorie	ty	
Date Collected:	3/20-22/13		Date Analysis	s:	4/15/13		
Sample Collector:	N.B. / R.S.		Method:		EPA Method	d 6010B	

	ľ	METAL	LLIC A	NALYT	ES		
			LAB ID				
	LAB ID		142290MS	LABID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	inc	IPC	IPC %	
as Total	Blank	142290MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.330	95%	0.200	0.200	100%	

^{*} Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 16, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28474 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
Į	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	3/22/13	Analyst:	Kevin Doriety
Date Collected:	3/20-22/13	Date Analysis:	4/16/13
Sample Collector:	N.B. / R.S.	Method:	EPA Method 6010B

	1	META	LLIC A	NALY'	ΓES		
			LAB ID				
	LAB ID		142283MS	LABID	LABID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	TDC:	IPC	IPC %	
as Total	Blank	142283MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.175	NA*	0.192	0.200	96%	
QC Matrix:	water		Analytical				
Date Received:	3/22/13		Analyst:		Kevin Doriet	ty	
Date Collected:	3/20-22/13		Date Analysis	:	4/16/13		
Sample Collector:	N.B. / R.S.		Method:		EPA Method	t 6010B	

	1	META	LLIC A	NALYT	ES		
			LAB ID				
	LABID		142290MS	LABID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	TPC	IPC	IPC %	
as Total	Blank	142290MS	Recovery %	IFC.	Conc.	Recovery	
Lead	0.002	0.100	NA*	0.192	0.200	96%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

	Invoice # (LAB use only) 28万兄	Invoice # ()	415/15/1500	408	Signed W Mollo				orginos.
	apos receipe: (yes) po	Refrigerated spon receipt	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
					Signed:				Signed:
		Remarks:	Time	Date	Received by:	Time	Date		Relinquished by:
	*3-Day *2-Day *Next Day *Same Day					10,00	7/2/18	June	Jumes
,,,,,,,,,	*RUSH, mark below	Standard			Signed:		1/2/2	h	oigned:
	Turn Around Time (please note):	Turn Arou	Time	Date	Received by:	Time	Date	1	Reimquished by Sampler
8/6/08					(p) Plastic, (v) VOC Vial, (t) Tedlar bag Container:	(v) VOC 1	(p) Plastic	r, (g) Glass,	Container type: (a
Last revised				Ice	n Acetate Preservative:	laOH. (e)Zr	(₂ SO ₄ , (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH. (e)Zn Acetate	Preservative: (a)h
-		×	×	×	GRAB DITCH	13:05	4/3/13	CV1254C	14/62
_			Х	X	composite soil	12:45	4/3/13	CV1254A	142580
-			×	Х	composite soil	10:25	4/3/13	CV1311A	<u>142579</u>
			×	×	composite soil	9:40	4/3/13	CV0496A	142518
			Х	X	composite soil	8:52	4/3/13	CV0497A	142511
			×	Х	composite soil	13:59	4/2/13	CV0954B	142570
		×	×	X	composite soil	12:45	4/2/13	HP0167B	142575
			Х	Х	composite soil	10:00	4/2/13	HP0176A	14/25 14
			×	X	composite soil	8:55	4/2/13	HP0257A	142573
_			×	X	composite soil	14:40	4/1/13	CV0116B	142572
-		Х	X	X	composite soil	14:00	4/1/13	CV0501B	142511
1			X	Х	composite soil	13:30	4/1/13	FM0128B	142570
of sample containers		PAI	Lea	Ars	SAMPLE DESCRIPTION (matrix)	Collected		FIELDID	LAB LL
Number		1	đ	enic		TIME	DATE		
							8006000000000	RED:	DATE DELIVERED.
	ANALYSIS REQUESTED / METHOD	ANALYS							
	Ryan Stubbs/Cory Troiano	(print)		COKe	waiter Coke	31.01			
		SAMPLER(S):		Calta	PROJECT: VI/C1+		lewell N	Hare Wynn, Newell, Newton	CLIENT:
		yes	PDF Results:]{ 	1				
	iymalyn.redmond@gmcnetwork.com		E-mail:		Client PO # E11105			belisouth.net	E-Mail: suthlab@bellsouth.net
	334-590-7010		Phone# / Cell#	Phon		~)581-9504	FHONE (205)581-9500 FAX (205)581-9504	FHONE (205)58
	Grady, AL 36036							33	B'HAM, AL 35233
	4659 Huffman Road		Address		,			South	2515 5th Avenue South
· '	maion Redmond/ Goodway Mills Cawo	14 ON 12	Name/Co.:		ANALYSIS REQUEST			Company, Inc.	Environmental Company, Inc.
ながたな		SEND DEPORT TO	SEND D		CHAIN OF CUSTODY				Sutherland

4 . .

	^{II)} (28553	Invoice# (LAB use on	1260	41518	Signed Mr Mall			Signed:
	E () X () NO	Refrigerated upon receipt:	Time	Date	Received in Laboratory by:	Date Time		Relinquished by:
					Signed:	1		Signed:
		Remarks:	Time	Date	Received by:	Date Time		Relinquished by:
	*2-Day *Next Day *Same Day	*3-Day				4/6/13/1000	in	man.
	*RUSH, mark below	Standard			Signed:	7	, ,	Z Surgice
	please note):	Turn Around Time (please note):	Time	Date	Received by:	Date Time	_inpler:	Kelinquished by
8/6/08				ac	Vial, (t) Tedlar bag Container:	(p) Plastic, (v) VOC	Container type: (a) Amoer, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type: (
Last revised				Ice	n Acetate Preservative:	2SO4, (d)NaOH, (e)Z	Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate	Preservative: (a)I
								
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					A. T.			
_		X	X	×	GRAB DITCH	4/3/213 14:05	CV0741C	142583
1			х	X	composite soil	4/3/13 14:00	CV0741B	147582
of sample containers		PAI	Lead	Arso	SAMPLE DESCRIPTION (matrix)	10	FIELDID	LAB (L)
Number		I	1	enic		DATE - TIME		
							RED:	DATE DELIVERED:
	STED / METHOD	ANALYSIS REQUESTI						
····	Kyan Stubbs/Cory Trojano	(print)		CORE	waiter coke	STATE OF THE PARTY		
		SAMPLER(S):		021-2	PROJECT: VIII	ewell Newton	Hare Wynn, Newell Newton	CLIENT:
		yes no	PDF Results:	D				
	ſe.	jymalyn	E-mail:		Client P.O. # E11105		ybellsouth.net	E-Mail: Suthlab@bellsouth.net
	334-590-7010		Phone# / Cell#:	Phon		581-9504	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
	Grady, AL 36036						33	B'HAM, AL 35233
	4659 Huffman Road		Address:				South	2515 5th Avenue South
	Jymalyn Redmond/ Goodwyn, Mills, Cawood	Jymalyn Re	Name/Co.:	_	ANALYSIS REQUEST		Company, Inc.	Environmental Company, Inc.
285E		SEND REPORT TO:	SEND RE		CHAIN OF CUSTODY			Sutherland

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 30, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28553 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water		Analytical				
Method:	EPA Metho	d 8270C	Analyst:		Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDR	OCARE	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.00907	0.001	4/11/13	1143	0.010	91%	70-130
Acenaphthylene	0.00936	0.001	4/11/13	1143	0.010	94%	70-130
Anthracene	0.01078	0.001	4/11/13	1143	0.010	108%	70-130
Benzo(a)anthracene	0.00978	0.001	4/11/13	1143	0.010	98%	70-130
Benzo(b)fluoranthene	0.00815	0.0001	4/11/13	1143	0.010	82%	70-130
Benzo(k)fluoranthene	0.00882	0.0001	4/11/13	1143	0.010	88%	70-130
Benzo(ghi)perylene	0.00835	0.0005	4/11/13	1143	0.010	84%	70-130
Вепло(а)рутеле	0.00863	0.0001	4/11/13	1143	0.010	86%	70-130
Chrysene	0.00910	0.0005	4/11/13	1143	0.010	91%	70-130
Dibenzo(ah)anthracene	0.00837	0.001	4/11/13	1143	0.010	84%	70-130
Fluoranthene	0.00849	0.001	4/11/13	1143	0.010	85%	70-130
Fluorene	0.00845	0.001	4/11/13	1143	0.010	85%	70-130
Indeno(1,2,3-cd)pyrene	0.00808	0.001	4/11/13	1143	0.010	81%	70-130
Naphthalene	0.01044	0.001	4/11/13	1143	0.010	104%	70-130
Phenanthrene	0.01018	0.001	4/11/13	1143	0.010	102%	70-130
Pyrene	0.00885	0.0005	4/11/13	1143	0.010	89%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

EPA Laboratory ID AL01084

DJ_/QAQC

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd. Grady, AL 36036 Report D. Reference P.O. #	E11105
--	--------

QC Matrix:	water	Analytical	
Date Received:	4/5/13	Analyst:	Kevin Doriety
Date Collected:	4/1-3/13	Date Analysis:	4/29/13
Sample Collector:	R. Stubbs/ C. Troiano	Method:	EPA Method 6010B
Dumple Concettor.			

	ľ	META	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		142579MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC%	
as Total	Blank	142579MS	Recovery %	irc	Conc.	Recovery	
Arsenic	BDL	0.309	92%	0.175	0.200	88%	<u> </u>
QC Matrix: Date Received:	water 4/5/13		Analytical Analyst:		Kevin Dorie	ty	
Date Collected: Sample Collector:	4/1-3/13 R. Stubbs/ (Date Analysis Method:	:	4/29/13 EPA Metho	d 6010B	

	N	META	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		143203MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	TDC	IPC	IPC %	
as Total	Blank	143203MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BOL	0.254	92%	0.229	0.200	115%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 30, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28553 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
ŀ	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	4/5/13	Analyst:	Kevin Doriety
Date Collected:	4/1-3/13	Date Analysis:	4/29/13
Sample Collector:	R. Stubbs/ C. Trojano	Method:	EPA Method 6010B

	1	META	LLIC A	NALY	ΓES		
			LAB ID				
	LABID		142579MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	142579MS	Recovery %	irc	Conc.	Recovery	
Lead	BOL	0.218	NA*	0.205	0.200	103%	
QC Matrix:	water		Analytical				
Date Received:	4/5/13		Analyst:		Kevin Dorie	ty	
Date Collected:	4/1-3/13		Date Analysis:		4/29/13		
Sample Collector:	R. Stubbs/	C. Troiano	Method:		EPA Method	d 6010B	

	ľ	METAI	LLIC A	NALYT	ES		
			LABID				
	LAB ID		143203MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	143203MS	Recovery %	irc	Conc.	Recovery	
Lead	BDL	0.054	NA*	0.196	0.200	98%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

UN /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc. 2515 5th Avenue South B'HAM, AL 35233

E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504

> ANALYSIS REQUEST CHAIN OF CUSTODY

Name/Co.:

Phone# / Cell#:

334-562-9195 or 590-7010

Address:

SEND REPORT TO:

Jymalyn Redmond 4659 Huffman Road Grady, AL 36036

	bryoice # (LAB use on			Signed:		<u>, , , , , , , , , , , , , , , , , , , </u>		Signed:
(ym) &	Refrigerated apon receipt:	Time	Date	Received in Laboratory by:	Time	Date	•	Relinquished by:
<u>)</u>				Signed:				orgued.
	Remarks: PAGE 1 of 2	Time	Date	Received by:	Time	Date		Relinquished by
*2-Day *Next Day *Same Day	*3-Day	1610	11413	/ STATIA NICOLO	,, 4,	(1/41/1)	16	Manne
*RUSH, mark below	Standard X		Ŧ,	Signed:		4/12/2/21/2	Mar	oigned:
please note):	Tura Around Time (p	Time	Date	Received by:	Time	Date	Samplex	Relinquished by Sample
8/6/08				Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Container:	; (v) VOC	, (p) Plastic	a) Amber, (g) Glass	Container type: (
Last revised				In Acetate Preservative:	laOH, (e)2	1 ₂ SO ₄ , (d)	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)
	X		×	composite soil	9:05	4/9/13	HP0283C	142835
-	X	×	×	composite soil	9:37	4/9/13	HP0142A	142834
	×		×	composite soil	10:22	4/9/13	HP0140B	142833
	×		×	composite soil	12:42	4/9/13	CV0675A	142832
panek	X	X	Х	composite soil	13:25	4/9/13	CV#20928B	4283
person	X		X	composite soil	14:16	4/9/13	CV1337A	42230
	X		Х	composite soil	14:52	4/9/13	CV1338B	142829
	×		×	composite soil	13:25	4/8/13	FM0114A	142828
	×	×	×	composite soil	14:34	4/8/13	FM0117D	142827
	×		×	composite soil	14:08	4/8/13	FM0117A	142826
	×		×	composite soil	15:36	4/8/13	CV0637C	142825
	×		Х	composite soil	15:30	4/8/13	CV0637A	142824
of sample containers	Lead	PAH':	Arsen	SAMPLE DESCRIPTION (matrix)	TIME Collected	DATE Collected	FIELD ID	LAB ID
Nimber		,	ie				RED:	DATE DELIVERED:
STED / METHOD	ANALYSIS REQUES							
Jerry Partap/Renea Anglin	SAMPLER(S): (print)	·	oke, In	PROJECT: Walter Coke, Inc	ell,	Wynn, Newell, Newton	Hare, Wy Ne	CLIENT:
Fax#:	yes no	PDF Results:	I.d.					
lyn.redmond@gmcnetwork.com	jymaly	E-mail:		Client P.O. # E11105			goensoam.net	E-Mail: Sutilato@bellSoum.net

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Jymalyn Redmond

Signed: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 2515 5th Avenue South Signed: B'HAM, AL 35233 Environmental Company, Inc. Signed: 142840 048241 142838 142839 DATE DELIVERED: CLIENT Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate Relinquished by: Relinquished by Relinquished by Sampler: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag 42830 42843 2484 LAB ID HP0202**XC** 4/11/13 CV0318A HP0083B CV0676A CV0133A CV0050B CV0886A 70661A FIELD ID Hare, Wynn, Newell, Newton 4/12/13 4/11/13 4/10/13 4/10/13 4/10/13 4/10/13 Collected 4/12/13/6:15 4/10/13 DATE Date Date Date 14:35 Collected 10:52 13:55 10:56 9:42 9:59 Time Time 8:55 9:48 TIME Time Signetil Moure Receiyad by: PROJECT: Received in Laboratory by: Signed: Received by: Signed: SAMPLE DESCRIPTION (matrix) Client P.O. # composite soil E11105 Preservative: Walter Coke, Inc Container: te/H Date Date Date × × × × × × × × × × × Arsenic × Phone# / Cell#: PDF Results: ىن Name/Co.: Address: E-mail: Time Time Time × PAH's × SAMPLER(S): Refrigirated upon receipt: //yes invoice # (LAB use only); Remarks: Page 2 of 2 Turn Around Time (please note): Standard ANALYSIS REQUESTED / METHOD yes × × × × × × × × Lead × × \times × no 4659 Huffman Road Grady, AL 36036 *3-Day ymalyn.redmond@gmonetwork.com 334-562-9195 or 590-7010 *2-Day Jerry Partap/Renea Anglin *RUSH, mark below *Next Day *Same Day of sample containers Number Last revised 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28598 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water		Analytical						
Method:	EPA Metho	d 8270C	Analyst:		Hageman/C	urrence			
POLYNUCLEAR AROMATIC HYDROCARBONS									
	LAB ID	Method			LAB ID				
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%_	Target		
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)		
Acenaphthene	0.02274	0.001	4/17/13	1028	0.020	114%	70~130		
Acenaphthylene	0.02533	0.001	4/17/13	1028	0.020	127%	70-130		
Anthracene	0.01590	0.001	4/17/13	1028	0.020	80%	70-130		
Benzo(a)anthracene	0.02049	0.001	4/17/13	1028	0.020	102%	70-130		
Benzo(b)fluoranthene	0.01712	0.0001	4/17/13	1028	0.020	86%	70-130		
Benzo(k)fluoranthene	0.01650	0.0001	4/17/13	1028	0.020	83%	70-130		
Benzo(ghi)perylene	0.01585	0.0005	4/17/13	1028	0.020	79%	70-130		
Benzo(a)pyrene	0.01787	0.0001	4/17/13	1028	0.020	89%	70-130		
Chrysene	0.02019	0.0005	4/17/13	1028	0.020	101%	70-130		
Dibenzo(ah)anthracene	0.01542	0.001	4/17/13	1028	0.020	77%	70-130		
Fluoranthene	0.01917	0.001	4/17/13	1028	0.020	96%	70-130		
Fluorene	0.02385	0.001	4/17/13	1028	0.020	119%	70-130		
Indeno(1,2,3-cd)pyrene	0.01544	0.001	4/17/13	1028	0.020	77%	70-130		
Naphthalene	0.01664	0.001	4/17/13	1028	0.020	83%	70-130		
Phenanthrene	0.01583	0.001	4/17/13	1028	0.020	79%	70-130		
Pyrene	0.02209	0.0005	4/17/13	1028	0.020	110%	70-130		

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28598 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
1	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water	Analytical	
Date Received:	4/12/13	Analyst:	Kevin Doriety
Date Collected:	4/8-12/13	Date Analysis:	5/1/13
Sample Collector:	J. Partap/ R. Anglin	Method:	EPA Method 6010B

	1	META	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		142833MS	LABID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	142833MS	Recovery %	irc	Conc.	Recovery	
Arsenic	0.003	0.351	92%	0.196	0.200	98%	
QC Matrix:	water		Analytical	_			
Date Received:	4/12/13		Analyst:		Kevin Dorie	ty	
Date Collected:	4/8-12/13		Date Analysis	s:	5/2/13		
Sample Collector:	J. Partap/ R	. Anglin	Method:		EPA Method	d 6010B	

	I	METAI	LLIC A	NALYI	ES		
			LAB ID				
	LAB ID		142843MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	142843MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.009	0.223	82%	0.202	0.200	101%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28598 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

QC Matrix:	water	Analytical	
Date Received:	4/12/13	Analyst:	Kevin Doriety
Date Collected:	4/8-12/13	Date Analysis:	5/1/13
Sample Collector:	J. Partap/ R. Anglin_	Method:	EPA Method 6010B

METALLIC ANALYTES

			LAB ID				
	LAB ID		142833MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	142833MS	Recovery %	IrC	Conc.	Recovery	
Lead	0.022	0.209	NA*	0.217	0.200	109%	
QC Matrix:	water		Analytical				
Date Received:	4/12/13		Analyst:		Kevin Dorie	ty	
Date Collected:	4/8-12/13		Date Analysis	s :	5/2/13		
Sample Collector:	J. Partap/ R	. Anglin	Method:		EPA Method	1 6010B	

	I	META)	LLIC A	NALYI	TES		
			LAB ID				
	LABID		142843MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	142843MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.006	0.073	NA*	0.198	0.200	99%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Signed Signed: PHONE (205)581-9500 FAX (205)581-9504 Environmental Company, Inc. Relinquished by: Relinquished by Samples Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate DATE DELIVERED: CLIENT: E-Mail: suthlab@bellsouth.nct B'HAM, AL 35233 2515 5th Avenue South Sutherland Relinquished by: M303H 43035 Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag 143039 143033 143037 143040 143038 43036 143043 143044 143041 LAB ID 43042 CV0745B CV0516C CV1066B FM0060A CV1225A CV1013B CV0423A CV0313B CV1282C CV1282A FM0106B HP0311B Hare Wynn, Newell, Newton FIELD ID 4/17/13 14:00 4/16/13 4/15/13 4/17/13 4/16/13 11:30 4/16/13 4/16/13 4/16/13 4/16/13 4/16/13 4/15/13 4/15/13 Collected MA/13 1128 Soma DATE Date Date Date 09:55 09:30 15:10 10:45 14:00 15:35 15:00 15:15 14:25 13:45 Collected TIME Time Received by: Time Time Signed: PROJECT: Signed: Received in Laboratory by: Received by: SAMPLE DESCRIPTION (matrix) Client P.O.# ANALYSIS REQUEST CHAIN OF CUSTODY composite soil E11105 Preservative: Container: Walter Coke 19/13/1133 Date Date Date × × × × × × × Arsenic × \times × × Phone# / Cell# PDF Results: Name/Co.: SEND REPORT TO: Address: Time E-mail: Time × |Lead ume × × × × × × × \approx × × SAMPLER(S): Retrigerated upon receipt: (
Invoice # (LAB use only) Standard V Turn Around Time (please note): PAGE 1 OF 2 ANALYSIS REQUESTED / METHOD PAH yes × × Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road no *3-Day ymalyn.redmond@gmcnetwork.com (ã) *2-Day Grady, AL 36036 Jymalyn Redmond, Ralph Norman 34-590-7010 Fax #: 28638 *RUSH, mark below *Next Day #28638 *Same Day of sample container Number Last revised 8/6/08

	11) J8638	Invoice # (LAB use only)	i mire	i i	Signed:				Signed:
		Refrigerated company recession	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by:
					Signed:	-			oigned:
		Remarks: PAGE 2 OF 2		Date	Received by:	Time	Date	.:	Relinquished by
	*2-Day . *Next Day *Same Day	*3-Day	1124	11711/3	New Consultar	-	:: 1	7	70000
	*RUSH, mark below	Standard V		1/2/	Signet	÷,2	4/14/12	M	Signed:
	lease note):	Turn Around Jime (ple	Time	Date	Received by:	Time	Date	Sampler:	Relinquished by Sampler:
8/6/08					Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Container:	; (v) VOC	s, (p) Plastic	(a) Amber, (g) Glass	Container type:
Last revised					In Acetate Preservative:	VaOH, (e)Z	H ₂ SO ₄ , (d)}	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (c)Zn Acetate	Preservative: (a)
1			×	X	composite soil				
1			×	×	composite soil				
, 1			×	×	composite soil				
1			×	×	composite soil				
1			×	×	composite soil				
1			×	×	composite soil				
)			×	×	composite soil				
1		×	×	×	composite soil	09:30	4/18/13	HP0064B	143049
1			×	×	composite soil	10:05	4/18/13	HP0063A	143048
1		Х	×	X	composite soil	09:55	4/17/13	FM0296C	143047
,			×	×	composite soil	09:25	4/17/13	FM0296A	143046
)			×	×	composite soil	11:30	4/17/13	HP0234B	143045
Number of sample containers		РАН	Lead	Arsenic	SAMPLE DESCRIPTION (matrix)	DATE TIME Collected Collected	DATE Collected	FIELD ID	LABÎD
				,				RED:	DATE DELIVERED:
	MEIHOD	CHART I SIGN OF SIL							
rman	Jymalyn Redmond, Ralph Norman	SAMPLER(S):		Coke	PROJECT: Walter Coke	lewton	Newell, N	Hare Wynn, Newell, Newton	CLIEN I:
	Fax #:	yes no	PDF Results:	PD					
	n.redmond@gmcnetwork.com	jymalyn.	E-mail:		Client P.O. # E11105			bellsouth.net	E-Mail: suthlab@bellsouth.net
	34-590-7010		Phone# / Cell#:	Phone)581-9504	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
	Grady, AL 36036							ដ	B'HAM, AL 35233
	4659 Huffman Road	4	Address:					South	2515 5th Avenue South
2	Jymalyn Redmond/ Goodwyn, Mills, Cawood	Jymalyn Redr	Name/Co.:	7	ANALYSIS REQUEST			Company, Inc.	Environmental Company, Inc.
8650	# Z8638	SEND REPORT TO:	SEND RE		CHAIN OF CUSTODY				Sutherland

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical						
Method:	EPA Metho	od 8270C	Analyst:		Hageman/Currence				
POLYNUCLEAR AROMATIC HYDROCARBONS									
	LAB ID	Method			LAB ID				
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target		
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)		
Acenaphthene	0.02070	0.001	4/25/13	1511	0.020	104%	70-130		
Acenaphthylene	0.02189	0.001	4/25/13	1511	0.020	109%	70-130		
Anthracene	0.02070	0.001	4/25/13	1511	0.020	104%	70-130		
Benzo(a)anthracene	0.02086	0.001	4/25/13	1511	0.020	104%	70-130		
Benzo(b)fluoranthene	0.02160	0.0001	4/25/13	1511	0.020	108%	70-130		
Benzo(k)fluoranthene	0.02169	0.0001	4/25/13	1511	0.020	108%	70-130		
Benzo(ghi)perylene	0.02269	0.0005	4/25/13	1511	0.020	113%	70-130		
Benzo(a)pyrene	0.02203	0.0001	4/25/13	1511	0.020	110%	70-130		
Chrysene	0.01924	0.0005	4/25/13	1511	0.020	96%	70-130		
Dibenzo(ah)anthracene	0.02222	0.001	4/25/13	1511	0.020	111%	70-130		
Fluoranthene	0.01789	0.001	4/25/13	1511	0.020	89%	70-130		
Fluorene	0.02153	0.001	4/25/13	1511	0.020	108%	70-130		
Indeno(1,2,3-cd)pyrene	0.02116	0.001	4/25/13	1511	0.020	106%	70-130		
Naphthalene	0.01784	0.001	4/25/13	1511	0.020	89%	70-130		
Phenanthrene	0.02164	0.001	4/25/13	1511	0.020	108%	70-130		
Pyrene	0.01698	0.0005	4/25/13	1511	0.020	85%	70-130		

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/ QAQC

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 30, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28832	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	5/23/13	Analyst:	Kevin Doriety
Date Collected:	5/20-21/13	Date of Analysis:	5/29-30/13
Sample Collector.	NBC	Method:	EPA Method 6010B

	1	META	LLIC	ANAL'	YTES		
	FIELD ID				FIELD ID	FIELD ID	
	CV0182-A	CV0287-B	CV1198-B	CV0912-A	CV0912-B	CV0912-C	
Analyte, mg/Kg	LAB ID	Detection					
as Total	143892	143893	143894	143895	143896	143897	Limit,mg/Kg
Arsenic	18	25	21	27	27	16	1.0
Lead	130	183	183	198	145	157	1.0
	FIELD ID						
	CV0838-B	CV0828-A	CV0828-C	CV1189-B	CV1016-A	CV0729-B	
Analyte, mg/Kg	LAB ID	Detection					
as Total	143898	143899	143900	143901	143902	143903	Limit,mg/Kg
Arsenic	23	29	42	19	25	22	1.0
Lead	619	274	276	199	310	459	1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Reporting Limit All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 30, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28832
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	5/23/13	Analyst:	Kevin Doriety
Date Collected:	5/21-22/13	Date of Analysis:	5/29-30/13
Sample Collector:	NBC/BB	Method:	EPA Method 6010B

METALLIC ANALYTES							
		FIELD ID CV1271-A			FIELD ID HP0036-A	FIELD ID HP0036-C	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	143904	143905	143906	143907	143908	143909	Limit,mg/Kg
Arsenic	11	11	9.5	25	10	7.2	1.0
Lead	225	332	190	292	85	95	1.0
	FIELD ID				J		
	CV0543-C						
Analyte, mg/Kg	LAB ID						Detection
as Total	143910						Limit,mg/Kg
Arsenic	19						1.0
Lead	239						1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

MH /QAQC

Respectfully submitted,

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd.	Report Date: Reference # P.O. #	May 30, 2013 28832 E11105
L	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date: Analyst:	5/28/13
Date Received:	5/23/13		Hageman/Currence
Date Collected:	5/20-21/13	Date of Analysis: Method:	5/29/13
Sample Collector:	NBC / BB		EPA Method 8270C

POL	YNUCL	EAR AR	OMATI	C HYDI	ROCAR	RONS	
	FIELD ID	FIELD ID	FIELD ID				
	CV1198-B	CV0828-C	CV0525-B				
Polynuclear	LAB ID	LAB ID	LAB ID				Detection
Aromatics, ppm	143894	143900	143904				Limit, ppm
Acenaphthene	0.050	BDL	0.090				0.050
Acenaphthylene	0.140	BDL	0.075				0.050
Anthracene	0.175	BDL	BDL				0.050
Benzo(a)anthracene	0.745	0.115	0.180				0.050
Benzo(b)fluoranthene	0.910	0.080	0.240				
Benzo(k)fluoranthene	0.640	0.100	0.145				0.050
Benzo(ghi)perylene	0.465	0.090	0.115				0.050
Benzo(a)pyrene	0.710	0.065	0.165		*********		0.050
Chrysene	0.910	0.125	0.340				
Dibenzo(ah)anthracene	0.165	BDL	BDL.				0.050
Fluoranthene	1.730	0.160	0.245	*********			0.050
Fluorene	0.090	BDL	0.105				0.050
Indeno(1,2,3-cd)pyrene	0.405	BDL	0.100				0.050
Naphthalene	0.135	0.090	0.700				0.050
Phenanthrene	1.130	0.220	0.295				0.050
Pyrene	1.410	0.150	0.225				0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28841	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	5/24/13	Analyst:	Kevin Doriety
Date Collected:	5/24/13	Date of Analysis:	6/3/13
Sample Collector:	N. Berrios-Cartagena	Method:	EPA Method 6010B

METALLIC ANALYTES							
	FIELD ID	FIELD ID					
	HP0331-A	HP0332-B					
Analyte, mg/Kg	LAB ID	LAB ID					Detection
as Total	143945	143946					Limit,mg/Kg
Arsenic	16	17					1.0
Lead	61	95					1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Reporting Limit All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

MH /QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dord

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28841	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	5/28/13
Date Received:	5/24/13	Analyst:	Hageman/Currence
Date Collected:	5/24/13	Date of Analysis:	5/29/13
Sample Collector:	N. Berrios-Cartagena	Method:	EPA Method 8270C

POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID						
	НР0332-В						
Polynuclear	LAB ID						Detection
Aromatics, ppm	143946						Limit, ppm
Acenaphthene	BDL						0.050
Acenaphthylene	0.120						0.050
Anthracene	0.055						0.050
Benzo(a)anthracene	0.370						0.050
Benzo(b)fluoranthene	0.360						0.050
Benzo(k)fluoranthene	0.320						0.050
Benzo(ghi)perylene	0.205						0.050
Benzo(a)pyrene	0.340						0.050
Chrysene	0.335						0.050
Dibenzo(ah)anthracene	0.085						0.050
Fluoranthene	0.520						0.050
Fluorene	BDL						0.050
Indeno(1,2,3-cd)pyrene	0.200						0.050
Naphthalene	0.090						0.050
Phenanthrene	0.190						0.050
Рутепе	0,415						0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

Mt/ /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 10, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28871	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	5/31/13	Analyst:	Kevin Doriety
Date Collected:	5/28-29/13	Date of Analysis:	6/10/13
Sample Collector:	N.B.C.	Method:	EPA Method 6010B

	I	META	LLIC	ANAL'	YTES		
	FIELD ID FM-0349A	FIELD ID FM0348B	FIELD ID FM0322A	FIELD ID HP0175A	FIELD ID HP0175C	FIELD ID	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	144098	144099	144100	144101	144102	144103	Limit,mg/Kg
Arsenic	8.5	6.0	2.9	4.7	4.6	8.2	1.0
Lead	208	95	443	184	82	183	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	HP0098D	HP0072A	HP0125A	HP0193A	HP0299A	HP0299B	
Analyte, mg/K.g	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	144104	144105	144106	144107	144108	144109	Limit,mg/Kg
Arsenic	3.2	5.5	6.8	8.2 .	8.5	5.7	1.0
Lead	48	123	230	180	90	90	1.0

NA = Not Available

BDL = Below Detection Limit

Detection Limit is Reporting Limit

All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

/QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Attention:	Goodwyn, Mills & Cawood	Report Date:	June 10, 2013
	Ms. Jymalyn Redmond	Reference #	28871
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Waiter Coke

Sample Matrix: Date Received: Date Collected:	soil	Extraction Date:	6/4/13
	5/31/13	Analyst:	Hageman/Currence
	5/28-29/13	Date of Analysis:	6/6/13
Sample Collector:	N.B.C.	Method:	EPA Method 8270C

POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID	FIELD ID					
	FM0322A	HP0098D					
Polynuclear	LAB ID	LAB ID					Detection
Aromatics, ppm	144100	144104					Limit, ppm
Acenaphthene	BDL	BDL					0.050
Acenaphthylene	BDL	BDL					0.050
Anthracene	BDL	BDL					0.050
Benzo(a)anthracene	BDL	0.155					
Benzo(b)fluoranthene	BDL	0.215					0.050
Benzo(k)fluoranthene	BDI.	0.100					0.050
Benzo(ghi)perylene	BDL	0.105					0.050
Benzo(a)pyrene	BDL	0.140					0.050
Chrysene	BDI.	0.170					0.050
Dibenzo(ah)anthracene	BDL	BDL					0.050
Fluoranthene	BDL	0.190					0.050
Fluorene	BDL	BDL					0.050
Indeno(1,2,3-cd)pyrene	BDL.	0.085					0.050
Naphthalene	BDL.	0.060					0.050
Phenanthrene	BDL	0.130					0.050
Pyrene	BDL	0.130					0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

🔼 /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Donaty

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 17, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28904	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	6/11/13
Date Received:	6/7/13	Analyst:	Hageman/Currence
Date Collected:	6/4-7/13	Date of Analysis:	6/12/13
Sample Collector:	R. Stubbs	Method:	EPA Method 8270C

POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	CV0710A	CV1134A	CV0346C	CV0201A			
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID			Detection
Aromatics, ppm	144227	144237	144241	144243			Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL			0.050
Acenaphthylene	BDL	BDL	BDL	BDL			0.050
Anthracene	0.055	BDL	BDL	BDL			0.050
Benzo(a)anthracene	0.210	0.075	BDL	0.610			0.050
Benzo(b)fluoranthene	0.205	BDL	BDL	0.700			0.050
Benzo(k)fluoranthene	0.180	BDL	BDL	0.470			0.050
Benzo(ghi)perylene	0.160	0.060	BDL	0.405			0.050
Benzo(a)pyrene	0.165	0.060	BDL	0.490			0.050
Chrysene	0.235	0.055	BDL	0.455			0.050
Dibenzo(ah)anthracene	0.090	BDL	BDL	0.165			0.050
Fluoranthene	0.330	0.115	BDL	0.495			0.050
Fluorene	BDL	BDL	BDL	BDL			0.050
Indeno(1,2,3-cd)pyrene	0.150	BDL	BDL	0.340			0.050
Naphthalene	0.190	BDL	BDL	BDL			0.050
Phenanthrene	0.445	0.060	BDL	0.210			0.050
Pyrene	0.285	0.100	BDL	0.460			0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

hus /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 17, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28904
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	6/7/13	Analyst:	Matt Hageman
Date Collected:	6/3-5/13	Date of Analysis:	6/14/13
Sample Collector:	R. Stubbs	Method:	EPA Method 6010B

METALLIC ANALYTES								
	FIELD ID							
	CV0679B	CV0690B	CV0435B	CV0492A	CV0710A	CV0625A		
Analyte, mg/Kg	LAB ID	Detection						
as Total	144223	144224	144225	144226	144227	144228	Limit,mg/Kg	
Arsenic	4.5	BDL	5.9	8.2	8.7	4.4	1.0	
Lead	434	82	283	230	381	117	1.0	
	FIELD ID							
	CV0622A	CV0732B	CV0027B	CV0271A	CV0145A	CV0139A		
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	- LAB ID	LABID	Detection	
as Total	144229	144230	144231	144232	144233	144234	Limit,mg/Kg	
Arsenic	9.1	8.8	14	4.3	10	21	1.0	
Lead	412	369	2930	316	568	1860	1.0	

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 17, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28904	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	6/7/13	Analyst:	Matt Hageman
Date Collected:	6/5-7/13	Date of Analysis:	6/14/13
Sample Collector:	R. Stubbs	Method:	EPA Method 6010B

	ľ	META	LLIC	ANAL	YTES		
	FIELD ID	FIELD ID CV0226A	FIELD ID CV1134A	FIELD ID CV1135B	FIELD ID CV1244B	FIELD ID CV0346A	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	144235	144236	144237	144238	144239	144240	Limit,mg/Kg
Arsenic	12	18	1.8	19	15	7.7	1.0
Lead	1120	1830	177	2110	1690	178	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	CV0346C	CV0296A	CV0201A	CV1333B			
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID			Detection
as Total	144241	144242	144243	144244			Limit,mg/Kg
Arsenic	1.3	4.9	9.8	5.0			1.0
Lead	111	131	340	400			1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit

All results expressed as PPM mg/Kg of total analyte

PA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



	Attention: Ms Address: 465	odwyn, Mills & Cawood . Jymalyn Redmond 19 Huffman Rd. dy, AL 36036	Report Date: Reference # P.O. # Project ID:	July 2, 2013 28967 E11105 Walter Coke
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Sample Matrix:	soil	Analytical	
Date Received:	6/21/13	Analyst:	Kevin Doriety
Date Collected:	6/17-20/13	Date of Analysis:	7/2/13
Sample Collector:	J. Partap	Method:	EPA Method 6010B

]	META	LLIC	ANAL	VTFC		
	FIELD ID				FIELD ID	FIELD ID	
	CV0719A	CV0482A	CV1118B	CV1341A	CV0801A	CV0730A	1
Analyte, mg/Kg	LAB ID	LABID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	144605	144606	144607	144608	144609	144610	Limit,mg/Kg
Arsenic	11	4.1	12	6.1	13	7.6	1.0
Lead	159	83	590	112	350	37	1.0
							,
	FIELD ID						
	CV0233A	CV0564A	CV0782B	FM0197A	FM0148A	CV0764B	
Analyte, mg/Kg	LAB ID	Detection					
as Total	144611	144612	144613	144614	144615	144616	Limit,mg/Kg
Arsenic	10	2.2	12	11	6.7	8.5	1.0
Lead	450	15	184	18	103	361	1.0
	FIELD ID						
	CV0784B						
Analyte, mg/K.g	LAB ID						Detection
is Total	144617						Limit,mg/Kg
Arsenic	10						
ead	85						1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

VY /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Report Date: Attention: Ms. Jymalyn Redmond Reference # Address: 4659 Huffman Rd. P.O. # Grady, AL 36036 Project ID:	July 2, 2013 28967 E11105 Walter Coke
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Sample Matrix:	soil	Extraction Date:	6/28/13
		Analyst:	Надетап/Ситтепсе
Date Received:	6/21/13	•	6/28/13
Date Collected:	6/17-19/13	Date of Analysis:	V/ = =: - =
	J. Partap	Method:	EPA Method 8270C
Sample Collector:	Ј. Ганар		

POL	YNUCL	EAR AR	OMATI	C HYDR	OCAR	BONS	NAMES OF STREET
	FIELD ID		FIELD ID				
	CV0719A	CV1118B	CV0730A				
Polynuclear	LAB ID	LAB ID	LAB ID				Detection
Aromatics, ppm	144605	144607	144610				Limit, ppm
Acenaphthene	0.084	BDL	BDL				0.050
Acenaphthylene	0.052	0.120	BDL				0.050
Anthracene	0.232	0.118	BDL				0.050
Benzo(a)anthracene	1.140	0.725	0.137				0.050
Benzo(b)fluoranthene	0.835	0.760	0.100				0.050
Benzo(k)fluoranthene	0.845	0.640	0.088				
Benzo(ghi)perylene	0.745	0.471	0.086				0.050
Benzo(a)pyrene	0.950	0.605	0.097				
Chrysene	0.785	0.640	0.094				0.050
Dibenzo(ah)anthracene	0.428	0.176	BDL				0.050
Fluoranthene	1.730	0.845	0.207				0.050
Fluorene	0.086	BDL	BDL				0.050
Indeno(1,2,3-cd)pyrene	0.705	0.408	0.062				0.050
Naphthalene	0.117	0.147	BDL				0.050
Phenanthrene	1.140	0.595	0.090				0.050
Pyrene	1.410	0.850	0.136				0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

 $\frac{X}{\sqrt{QAQC}}$

EPA Laboratory ID AL01084

Respectfully submitted,

From:

Smith, Stephen

Sent:

Tuesday, December 03, 2013 7:56 AM

To:

'Brian Vines'

Subject:

RE: North Birmingham Split Sample Results

Thanks, Brian. Rick and Greg plan to review the data and I will let you know. Should be an exciting game this weekend.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph: (404) 562-9554
Fax: (404) 562-9486
smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] **Sent:** Monday, December 02, 2013 5:44 PM

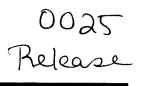
To: Smith, Stephen

Subject: North Birmingham Split Sample Results

Stephen,

Attached is the data we promised you. I look forward to hearing from you regarding the discrepancies in the recent sample we discussed today.

All the best and WAR EAGLE!



From:

Brian Vines

bvines@hwnn.com>

Sent:

Friday, December 06, 2013 5:53 PM

To: Subject: Smith, Stephen 35th Ave. Site

Stephen,

I hope you are well. Just wanted to touch base on what our next step should be regarding the site where we reached very different results.

War Eagle!



	•	
12-1	lease	
170	lease	

From:

Smith, Stephen

Sent:

Monday, December 09, 2013 3:12 PM

To: Cc:

Brian Vines 35AveSiteFile

Subject:

RE: 35th Ave. Site

I am still waiting to hear back from Greg and Rick regarding the results. I will follow up with them at our meeting this afternoon. Will let you know.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W. Atlanta, Georgia 30303

Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] Sent: Friday, December 06, 2013 5:53 PM

To: Smith, Stephen Subject: 35th Ave. Site

Stephen,

I hope you are well. Just wanted to touch base on what our next step should be regarding the site where we reached very different results.

War Eagle!

Brian Vines Attorney	
BIRMINGHAM LITTLE ROCK LEXINGTON	
1-800-568-5330	_

0027 Release

Smith, Stephen

From:

Brian Vines

bvines@hwnn.com>

Sent:

Tuesday, January 21, 2014 10:26 PM

To:

Smith, Stephen

Subject:

35 Ave Site

Attachments:

image002.png; ATT00001.htm; 27884.pdf; ATT00002.htm

Stephen,

Sorry for the delay in getting this information to you. Below are our split samples that came back with higher PAH levels then what the EPA's testing showed.

One is CV1013 collected at 3428 27th Avenue North with a BaP of 1.620 The second one was for CV0251 from 3321 32 St North with a BaP of 1.330 but a large total BapTEQ that puts them well over the 1.5. The whole lab sheet is attached with that test result being the last one in that batch.

Let me know if you have any questions.

All the best,

CHAIN OF CUSTODY

27884

E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 2515 5th Avenue South Environmental Company, Inc. ANALYSIS REQUEST Phone# / Cell#: SEND REPORT TO: Address: E-mail: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road ymalyn.redmond@gmcnetwork.com Grady, AL 36036 34-590-7010

Client P.O. #

E11105

PDF Results:

yes

no

CLIENT: Hare Wynn, Newell, Newton	lewell, Nev		PROJECT: Walter Coke	Coke		SAMPLER(S):	₹(S):	Jym	Jymalyn Redmond, Ralph Norman	1, Ralph Nor	man
						ANALYS	IS REQUE	ANALYSIS REQUESTED / METHOD	THOD		
•											
DATE DELIVERED: 12/7				e					<u>.</u>		
LAB ID FIELD ID	DATE Collected C	TIME Collected	SAMPLE DESCRIPTION (matrix)	Arseni	Lead	РАН					of sample
139702 HP0108C		10:43	composite soil	×	×						
139763 HP0108D	12/6/12	10:53	composite soil	×	×	×					
139704 HP0196A	12/6/12	9:13	composite soil	×	×						-
139705 HP0070A	12/6/12	10:40	composite soil	×	×	×					
1347000 CV0641A	12/6/12	9:20	composite soil	×	×	×					-
1 3 9707 ・ HP0276A	12/5/12	9:10	composite soil	×	×						
139703 · HP0286B	12/5/12	10:45	composite soil	×	×	×					-
139709 HP0012A	12/5/12	11:30	composite soil	X	×	×					
139710 HP0067A	12/5/12	3:00	composite soil	X	×						⊢
139711 HP0022B	12/5/12	2:20	composite soil	Х	×						
	12/6/12	9:13	composite soil	×	*	8					
139712 · CV0640A	12/6/12	1:50	composite soil	X	×	×¢			·		
Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate	₂ SO ₄ , (d)NaC)H, (e)Zr	Acetate Preservative:								Last revised
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	(p) Plastic, (v) VOC \	/ial, (t) Tedlar bag Container:								8/6/08
Relinquished by Sampler	Date	Time	Received by:	Date	Time	Turn Around T		ime (please note):):		
Signed that Kand	14/12 Z	2.45	Signed:			Standard		*	*RUSH, mark below	1	
	<u>↓</u>	Ľ					*3-Day	*2-Day	*Next Day	*Same Day	
Relinquished by: Signed:	Date	Time	Received by: Signed:	Date	Time	Remarks:					
Relinquished by:	Date	Time	Received in Laboratory by:	Date	Time	Refrigerated upon	upon receipt:	3	5		
Signed:			Signed: Mc Molly	12/7/12	2:45	Invoice#(LAB	LAB use only)	(2 7884		

Environmental Company, Inc. ANALYSIS REQUEST CHAIN OF CUSTODY

Name/Co.:

Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road

Signed/ Signed Signed: Relinquished by: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate DATE DELIVERED: 12/7/12 CLIENT: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 2515 5th Avenue South Relinquished by: Relinquished by Sampley 139713 139714 39715 139716 LAB ID · CV0077B CV0251A CV0560B HP0095B Hare Wynn, Newell, Newton FIELD ID Collected Collected 12/6/12 12/3/12 12/3/12 12/3/12 Date Date DATE 2.45 3:31 3:46 Time Time 2:46 TIME Time 1:55 Signed: Signed: Received by: Received in Laboratory by: Received by: PROJECT: SAMPLE DESCRIPTION (matrix) Client P.O. # composite soil composite soil composite soil composite soil E11105 Preservative: Container: Walter Coke Date Date Date × × Arsenic × × Phone# / Cell#: PDF Results: 248 Time E-mail: Time Time × × × × Lead SAMPLER(S): Refrigerated upon receipt: Remarks: Standard Turn Around Time (please note): Invoice # (LAB use only). ANALYSIS REQUESTED / METHOD yes PAH no *3-Day <u>ymalyn.redmond@gmcnetwork.com</u> *2-Day á Grady, AL 36036 Jymalyn Redmond, Ralph Norman 34-590-7010 *RUSH, mark below Fax #: *Next Day *Same Day of sample Number container Last revised 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Project ID: Walter Coke	Attention: Ms. J Address: 4659	Huffman Rd.	Report Date: Reference # P.O. #	December 17, 2012 27884 E11105
	Grady	v, AL 36036	Project ID:	·

Analytical Analyst:	Kevin Doriety
10	12/11-12/12
	EPA Method 6010B
	Analyst: Date of Analysis:

	-						
		<u>META</u>	LLIC A	ANALY	YTES		
	FIELD ID	FIELD ID	FIELD ID			FIELD ID	
<u> </u>	HP0108C	HP0108D	HP0196A	HP0070A	CV0641A	HP0276A	- 40 40 40 40 40 40 40 40 40 40 40 40 40
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	139702	139703	139704	139705	139706	139707	Limit,mg/Kg
Arsenic	14	25	7.5	15	15	18	1.0
Lead	351	201	656	164	148	109	
						109	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	HP0286B	HP0012A	HP0067A	HP0022B	CV0640A	HP0095B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	139708	139709	139710	139711	139712	139713	Limit,mg/Kg
Arsenic	16	4.0	13	12	24	13	1.0
Lead	225	109	195	91	168	85	
					100		1.0
	FIELD ID	FIELD ID	FIELD ID		ī		
	CV0560B	CV0251A	CV0077B				
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID				Datasti
as Total	139714	139715	139716				Detection
Arsenic	7.0	12	6.1				Limit,mg/Kg
Lead	273	584	402				1.0
	L						1.0

NA = Not Available

BDL = Below Detection Limit

Detection Limit is Method Detection Limit

All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

MH/QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Non Done

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
1	Ms. Jymalyn Redmond 4659 Huffman Rd.	Reference # P.O. #	27884 QC E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	12/7/12	Analyst:	Kevin Doriety
Date Collected:	12/3 - 6/12	Date Analysis:	12/11/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	1	META	LLIC A	NALY'	ГES		
	LABID		LAB ID 139716MS	LAB ID	LABID	LAB ID	
Analyte, mg/L as Total	Reagent Blank	LAB ID 139716MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery	
Arsenic	BDL	0.288	91%	0.203	0.200	102%	
QC Matrix: Date Received: Date Collected:	water 12/7/12 12/3 - 6/12	•	Analytical Analyst: Date Analysis:		Kevin Dorie	ty	
Sample Collector:	J.R./ R.N.		Method:		EPA Method	t 6010B	

	Γ	META	LLIC A	NALY	ΓES		
			LAB ID				
	LABID		139716MS	LAB ID	LABID	LAB ID	
Analyte, mg/L	Reagent	LABID	Spike	Inc	IPC	IPC %	
as Total	Blank	139716MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.679	111%	0.210	0.200	105%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/// / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	C-1 100			
Chent:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
Attention	Mo Irmalam Dadaa a	•	•	
Auchuon.	Ms. Jymalyn Redmond	Reference #	27884	
Address:	4659 Huffman Rd.	no "		
ridaress.	TOJE HUIHHAH KU.	P.O. #	E11105	
i	Grady, AL 36036	Project ID.	W. I. C. I	
	Grady, 7 Hz 30030	Project ID:	Walter Coke	

Sample Matrix: Date Received: Date Collected: Sample Collector:	soil 12/7/12 12/3 - 6/12	Extraction Date: Analyst: Date of Analysis:	12/13/12 Hageman/Currence 12/14/12	
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D	

POLYNUCLEAR AROMATIC HYDROCARBONS								
	FIELD ID							
	HP0108D	HP0070A	CV0641A	HP0286B	HP0012A	CV0640A		
Polynuclear	LAB ID	Detection						
Aromatics, ppm	139703	139705	139706	139708	139709	139712	Limit, ppm	
Acenaphthene	BDL	BDL	BDL	0.051	BDL	BDL	0.050	
Acenaphthylene	BDL	BDL	BDL	0.056	BDL	0.055	0.050	
Anthracene	BDL	BDL	0.065	0.190	BDL	0.075	0.050	
Benzo(a)anthracene	0.187	BDL	0.288	0.535	0.087	0.276	0.050	
Benzo(b)fluoranthene	0.211	BDL	0.428	0.645	0.116	0.515	0.050	
Benzo(k)fluoranthene	0.195	BDL	0.288	0.605	0.115	0.362	0.050	
Benzo(ghi)perylene	0.134	0.053	0.218	0.510	0.070	0.242	0.050	
Benzo(a)pyrene	0.203	0.051	0.296	0.685	0.109	0.296	0.050	
Chrysene	0.235	0.053	0.370	0.610	0.136	0.407	0.050	
Dibenzo(ah)anthracene	BDL	BDL	BDL	BDL	BDL	BDL	0.050	
Fluoranthene	0.330	0.072	0.499	0.970	0.163	0.415	0.050	
Fluorene	BDL	BDL	BDL	0.061	BDL	BDL	0.050	
Indeno(1,2,3-cd)pyrene	0.108	BDL	0.172	0.417	0.060	0.226	0.050	
Naphthalene	0.079	BDL	0.116	0.132	0.093	0.163	0.050	
Phenanthrene	0.205	0.071	0.355	0.765	0.149	0.398	0.050	
Pyrene	0.273	0.068	0.404	0.755	0.134	0.382	0.050	

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27884	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	12/13/12
Date Received:	12/7/12	Analyst:	Hageman/Currence
Date Collected:	12/3 - 6/12	Date of Analysis:	12/14/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D

POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID						
	CV0251A						
Polynuclear	LAB ID						Detection
Aromatics, ppm	139715						Limit, ppm
Acenaphthene	BDL						0.050
Acenaphthylene	0.174						0.050
Anthracene	0.191						0.050
Benzo(a)anthracene	1.200						0.050
Benzo(b)fluoranthene	1.410						0.050
Benzo(k)fluoranthene	1.170						0.050
Benzo(ghi)perylene	1.040						0.050
Benzo(a)pyrene	1.330						0.050
Chrysene	1.300						0.050
Dibenzo(ah)anthracene	BDL						0.050
Fluoranthene	2.210						0.050
Fluorene	BDL						0.050
Indeno(1,2,3-cd)pyrene	0.860						0.050
Naphthalene	0.140						0.050
Phenanthrene	0.950						0.050
Pyrene	1.920						0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:

Goodwyn, Mills & Cawood

Report Date:

December 17, 2012

Attention:

Ms. Jymalyn Redmond

Reference #

27884 QC

Address:

4659 Huffman Rd.

P.O. #

E11105

(

Grady, AL 36036

Project ID:

Walter Coke

QC Matrix: Method:

water

EPA Method 8270D

Analytical Analyst:

Hageman/Currence

POLYNUCLEAR AROMATIC HYDROCARBONS

							l les reconstructions
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.00103	0.001	12/14/12	1241	0.001	103%	70-130
Acenaphthylene	0.00091	0.001	12/14/12	1241	0.001	91%	70-130
Anthracene	0.00093	0.001	12/14/12	1241	0.001	93%	70-130
Benzo(a)anthracene	0.00094	0.001	12/14/12	1241	0.001	94%	70-130
Benzo(b)fluoranthene	0.00090	0.0001	12/14/12	1241	0.001	90%	70-130
Benzo(k)fluoranthene	0.00084	0.0001	12/14/12	1241	0.001	84%	70-130
Benzo(ghi)perylene	0.00095	0.0005	12/14/12	1241	0.001	95%	70-130
Benzo(a)pyrene	0.00080	0.0001	12/14/12	1241	0.001	80%	70-130
Chrysene	0.00094	0.0005	12/14/12	1241	0.001	94%	70-130
Dibenzo(ah)anthracene	0.00072	0.001	12/14/12	1241	0.001	72%	70-130
Fluoranthene	0.00095	0.001	12/14/12	1241	0.001	95%	70-130
Fluorene	0.00091	0.001	12/14/12	1241	0.001	91%	70-130
Indeno(1,2,3-cd)pyrene	0.00076	0.001	12/14/12	1241	0.001	76%	70-130
Naphthalene	0.00113	0.001	12/14/12	1241	0.001	113%	70-130
Phenanthrene	0.00091	0.001	12/14/12	1241	0.001	91%	70-130
Pyrene	0.00091	0.0005	12/14/12	1241	0.001	91%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

<u>アカサ</u> / QAQC

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dorg

002E Release

Smith, Stephen

From:

Smith, Stephen

Sent:

Wednesday, January 22, 2014 8:25 AM

To:

'Brian Vines'

Subject:

RE: 35 Ave Site

Email received. Thanks, Brian.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] Sent: Tuesday, January 21, 2014 10:26 PM

To: Smith, Stephen Subject: 35 Ave Site

Stephen,

Sorry for the delay in getting this information to you. Below are our split samples that came back with higher PAH levels then what the EPA's testing showed.

One is CV1013 collected at 3428 27th Avenue North with a BaP of 1.620 The second one was for CV0251 from 3321 32 St North with a BaP of 1.330 but a large total BapTEQ that puts them well over the 1.5. The whole lab sheet is attached with that test result being the last one in that batch.

Let me know if you have any questions.

All the best,

From:

Smith, Stephen

Sent:

Wednesday, January 22, 2014 11:46 AM

To:

Brian Vines

Cc:

35AveSiteFile; Lodin, Marianne

Subject:

RE: 35 Ave Site

Brian,

Do you mind sending me a copy of the sampling results for CV1013 collected at 3428 27th Avenue North? Seems that your attachments only included the results for CV0251. Thanks.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W. Atlanta, Georgia 30303 Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Smith, Stephen

Sent: Wednesday, January 22, 2014 8:25 AM

To: 'Brian Vines'

Subject: RE: 35 Ave Site

Email received. Thanks, Brian.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W. Atlanta, Georgia 30303

Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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Let me know if you have any questions.

All the best,

From:

Smith, Stephen

Sent:

Wednesday, January 22, 2014 12:11 PM

To:

Brian Vines

Cc:

35AveSiteFile; Lodin, Marianne

Subject:

RE: 35 Ave Site

No worries, Brian. Appreciate it.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] Sent: Wednesday, January 22, 2014 12:10 PM

To: Smith, Stephen

Cc: 35AveSiteFile; Lodin, Marianne

Subject: Re: 35 Ave Site

I will get it to you, sorry about that.



Brian Vines Attorney

BIRMINGHAM LITTLE ROCK LEXINGTON 1-800-568-5330

1-800-500-5

f ¥ in

On Jan 22, 2014, at 10:45 AM, Smith, Stephen < Smith.Stephen@epa.gov > wrote:

Brian,

Do you mind sending me a copy of the sampling results for CV1013 collected at 3428 27th Avenue North? Seems that your attachments only included the results for CV0251. Thanks.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4 Office of Environmental Accountability 61 Forsyth Street, S.W. Atlanta, Georgia 30303 Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Smith, Stephen

Sent: Wednesday, January 22, 2014 8:25 AM

To: 'Brian Vines'

Subject: RE: 35 Ave Site

Email received. Thanks, Brian.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph: (404) 562-9554
Fax: (404) 562-9486

smith.stephen@epa.gov

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To: Smith, Stephen Subject: 35 Ave Site

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Let me know if you have any questions.

All the best,

From:

Brian Vines

bvines@hwnn.com>

Sent:

Wednesday, January 22, 2014 12:10 PM

To:

Smith, Stephen

Cc:

35AveSiteFile; Lodin, Marianne

Subject:

Re: 35 Ave Site

I will get it to you, sorry about that.



On Jan 22, 2014, at 10:45 AM, Smith, Stephen < Smith. Stephen@epa.gov > wrote:

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Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

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Atlanta, Georgia 30303

Ph: (404) 562-9554 Fax: (404) 562-9486

smith.stephen@epa.gov

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From: Smith, Stephen

Sent: Wednesday, January 22, 2014 8:25 AM

To: 'Brian Vines'

Subject: RE: 35 Ave Site Email received. Thanks, Brian.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W.

Atlanta, Georgia 30303 Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com]
Sent: Tuesday, January 21, 2014 10:26 PM

To: Smith, Stephen Subject: 35 Ave Site

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Let me know if you have any questions.

All the best,

From:

Jymalyn Redmond <jymalyn.redmond@gmcnetwork.com>

Sent:

Wednesday, January 22, 2014 3:54 PM

To:

'Brian Vines'

Cc:

Smith, Stephen RE: 35 Ave Site

Subject: Attachments:

28638 (2).pdf

Importance:

High

Good afternoon. Attached please find the lab results for CV1013.

Sorry for the delay. Please let me know if you need additional information.

Thanks, Jymalyn

From: Brian Vines [mailto:bvines@hwnn.com] Sent: Wednesday, January 22, 2014 11:10 AM

To: Jymalyn Redmond Subject: Fwd: 35 Ave Site

Can you provide this, I think he's write, I'm not sure I saw that in what you sent yesterday. Let me know if I'm wrong.

×	Brian Vines Attorney
	Birmingham Little Rock Lexington
	1-800-568-5330

Begin forwarded message:

From: "Smith, Stephen" < Smith.Stephen@epa.gov>

Subject: RE: 35 Ave Site

Date: January 22, 2014 at 10:45:32 AM CST

To: Brian Vines

 bvines@hwnn.com>

Cc: 35AveSiteFile <35AveSiteFile@epa.gov>, "Lodin, Marianne" <Lodin.Marianne@epa.gov>

Brian,

Do you mind sending me a copy of the sampling results for CV1013 collected at 3428 27th Avenue North? Seems that your attachments only included the results for CV0251. Thanks.

Stephen P. Smith

Associate Regional Counsel



U.S. Environmental Protection Agency, Region 4 Office of Environmental Accountability 61 Forsyth Street, S.W.

Atlanta, Georgia 30303 Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Smith, Stephen

Sent: Wednesday, January 22, 2014 8:25 AM

To: 'Brian Vines'

Subject: RE: 35 Ave Site

Email received. Thanks, Brian.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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To: Smith, Stephen Subject: 35 Ave Site

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Let me know if you have any questions.

All the best,

Brian

This Email message contained an attachment named image001.jpg

which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at $(866)\ 411-4$ EPA (4372). The TDD number is $(866)\ 489-4900$.

Brian Vines

bvines@hwnn.com> From: Sent:

Wednesday, January 22, 2014 5:35 PM

Smith, Stephen To:

Don McKenna; Lodin, Marianne Cc:

Fwd: 35 Ave Site Subject:

image003.jpg; ATT00001.htm; 28638 (2).pdf; ATT00002.htm **Attachments:**

Importance: High

Stephen,

Attached is the additional data you requested. Let me know if you have any questions.

All the best,



From:

Smith, Stephen

Sent:

Thursday, January 23, 2014 3:29 PM

To:

Brian Vines

Cc:

Don McKenna; Lodin, Marianne

Subject:

RE: 35 Ave Site

Thanks, Brian.

Stephen P. Smith Associate Regional Counsel U.S. Environmental Protection Agency, Region 4 Office of Environmental Accountability 61 Forsyth Street, S.W. Atlanta, Georgia 30303 Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] Sent: Wednesday, January 22, 2014 5:35 PM

To: Smith, Stephen

Cc: Don McKenna; Lodin, Marianne

Subject: Fwd: 35 Ave Site

Importance: High

Stephen,

Attached is the additional data you requested. Let me know if you have any questions.

All the best,

Brian



Brian Vines Attorney

BIRMINGHAM LITTLE ROCK LEXINGTON 1-800-568-5330

f ¥ in

From:

Don McKenna < Don@hwnn.com>

Sent:

Friday, January 24, 2014 9:22 AM

To:

Brian Vines; Smith, Stephen

Cc:

Lodin, Marianne

Subject:

RE: 35 Ave Site

Stephen and Marianne,

Is there any update on the time line for when additional, if any, PRPs may be named? I explained why this is important the last time I was in Atlanta. I'm in the office if you want to discuss.

Don McKenna

HARE WYNN

NEWELL & NEWTON

BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE Don McKenna

Trial Attorney

2025 3rd Avenue North Suite 800 Birmingham, AL 35203 1-800-568-5330

f ≠ in

On 1/23/2014 at 2:28 PM, in message, "Smith, Stephen" wrote:

Thanks, Brian.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W.

Atlanta, Georgia 30303

Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] Sent: Wednesday, January 22, 2014 5:35 PM

To: Smith, Stephen

Cc: Don McKenna; Lodin, Marianne

Subject: Fwd: 35 Ave Site

Importance: High

Stephen,

Attached is the additional data you requested. Let me know if you have any questions.

All the best,

From:

Smith, Stephen

Sent:

Friday, January 24, 2014 12:39 PM

To:

Don McKenna; Brian Vines

Cc:

Lodin, Marianne: 35AveSiteFile

Subject:

RE: 35 Ave Site

Don,

Thanks for your email. Though our PRP search at the Site remains ongoing, we do not have (and otherwise could not provide) a timeframe for identification of additional PRPs. Please let us know if you have any other questions.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W. Atlanta, Georgia 30303 Ph: (404) 562-9554 Fax: (404) 562-9486

smith.stephen@epa.gov

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From: Don McKenna [mailto:Don@hwnn.com] Sent: Friday, January 24, 2014 9:22 AM

To: Brian Vines; Smith, Stephen

Cc: Lodin, Marianne **Subject:** RE: 35 Ave Site

Stephen and Marianne,

Is there any update on the time line for when additional, if any, PRPs may be named? I explained why this is important the last time I was in Atlanta. I'm in the office if you want to discuss.

Don McKenna

HARE | WYNN

NEWELL & NEWTON

BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

Don McKenna

Trial Attorney

2025 3rd Avenue North Suite 800

Danificignatus IN Jun

1-800-568-5330

f ¥ in

On 1/23/2014 at 2:28 PM, in message

<f8e29ab7db844bbf8fee1ef30a8fe64b@BL2PR09MB004.namprd09.prod.outlook.com>, "Smith, Stephen"

<Smith.Stephen@epa.gov> wrote:

Thanks, Brian.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph. (404) 562 9554

Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com]
Sent: Wednesday, January 22, 2014 5:35 PM

To: Smith, Stephen

Cc: Don McKenna; Lodin, Marianne

Subject: Fwd: 35 Ave Site

Importance: High

Stephen,

Attached is the additional data you requested. Let me know if you have any questions.

All the best,

Brian



Brian Vines Attorney

BIRMINGHAM LITTLE ROCK LEXINGTON 1-800-568-5330

f 💆 in

Environmental Company, Inc.

B'HAM, AL 35233

2515 5th Avenue South

PHONE (205)581-9500 FAX (205)581-9504

CLIENT:

Name/Co.: SEND REPORT TO: Address:

Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road

Signed: Relinquished by: Preservative: (a)HCL, (b)HNO₃, (c)H₂SO₄, (d)NaOH, (e)Zn Acetate DATE DELIVERED: E-Mail: suthlab@bellsouth.net Relinquished by: Relinquished by Sampler Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag M3034 143035 H3033 143039 143040 143037 143041 143038 43036 143044 143043 143042 LAB ID CV0745B CV1225A CV0516C HP0311B CV1066B CV1013B CV0423A FM0106B FM0060A CV1282A Hare Wynn, Newell, Newton CV0313B CV1282C FIELD ID 4/16/13 11:30 4/16/13 10:45 4/16/13 14:00 4/17/13 14:00 4/17/13 15:10 4/16/13 4/16/13 4/16/13 4/15/13 4/15/13 4/16/13 4/15/13 Collected Mr/13 1128 Signed Date Date DATE 15:35 Collected 09:55 15:00 09:30 14:25 13:45 TIME 15:15 Time Time Time Signed: Received by: Received by: PROJECT Signed: Received in Laboratory by: SAMPLE DESCRIPTION (matrix) Client P.O. # composite soil E11105 Preservative: Container: Walter Coke Date Date 19/13/1133 Date × × × × × × × × Arsenic × × × \bowtie Phone# / Cell#: PDF Results: E-mail: Time Time Time × Lead × × × × × × × × × \bowtie \times SAMPLER(S): Invoice # (LAB use only): Refrigerated upon receipt: (75) PAGE 1 OF 2 Standard 🔥 Turn Around Jime (please note): ANALYSIS REQUESTED / METHOD yes PAH × × no *3-Day ymalyn.redmond@gmcnetwork.com *2-Day Grady, AL 36036 Jymalyn Redmond, Ralph Norman 34-590-7010 18638 8 Fax #: *RUSH, mark below *Next Day *Same Day containers of sample Number Last revised 8/6/08

Signed:

Signed:

2515 5th Avenue South Environmental Company, Inc.

E-Mail: suthlab@bellsouth.net

PHONE (205)581-9500 FAX (205)581-9504

B'HAM, AL 35233

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Jymalyn Redmond/ Goodwyn, Mills, Cawood

Client P.O. # E11105 Phone# / Cell#: PDF Results: Name/Co.: Address: E-mail: yes on ymalyn.redmond@gmcnetwork.com 4659 Huffman Road Grady, AL 36036 34-590-7010 Fax #:

		18638	ر ادو	Invoice # (LAB use only): 78638	Invoice			Signed:	- 1		·	Signed:
	**************************************	8	2	Refrigerated upon receipt:	Refrigera	Time	Date	Received in Laboratory by:	Time	Date	1.	Relinquished by:
								Signed:				Signed:
				PAGE 2 OF 2	Remarks: PAGE	Time	Date	Received by:	Time	Date	7.	Relinquished by
	*Same Day	Day *Next Day	*2-Day	*3-Day		1124	119113	-119/13 11 2 Novice Naves	2 \	7/19/13	1200	Lymas.
	elow	*RUSH, mark below		rd <	Standard		11/11/11	Signal D	11.22	A Single	1	Signed:
		note):	<u> Fime (please note):</u>		Turn Around	Time	Date	Received by:	Time	Date	Sampler:	Relinquished by Sampler:
8/6/08								Vial, (t) Tedlar bag Container:	(v) VOC	, (p) Plastic,	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type:
Last revised								n Acetate Preservative:	aOH, (e)Z	1 ₂ SO ₄ , (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)
1						×	×	composite soil				
-						×	×	composite soil				
-						×	×	composite soil			1	
						×	×	composite soil				
1						×	×	composite soil				
			<u>.</u>			×	×	composite soil				
_						×	×	composite soil				
}4					Х	X	×	composite soil	09:30	4/18/13	HP0064B	143049
1						X	X	composite soil	10:05	4/18/13	HP0063A	143048
,					×	×	×	composite soil	09:55	4/17/13	FM0296C	143047
1						X	×	composite soil	09:25	4/17/13	FM0296A	143046
1						X	×	composite soil	11:30	4/17/13	HP0234B	2408hl
of sample containers					PAH	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME Collected	DATE TIME Collected Collected	FIELD ID	T'AB T
Number							ic					
											RED:	DATE DELIVERED
		EQUESTED / METHOD	STED /	SIS REQUE	ANALYSIS R							
nan	nd, Ralph Norm	Jymalyn Redmond, Ralph Norman	يس.	ER(S):	SAMPLER(S): (print)		Coke	PROJECT: Walter Coke		vewell, Ne	Hare Wynn, Newell, Newton	CLIENT:

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	4/15-18/13	Analyst:	M. Hageman
Date Collected:	4/15-17/13	Date of Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

	N	META	LLIC A	ANAL	YTES		
	FIELD ID						
	CV0745B	FM0060A	FM0106B	CV1282A	CV1282C	CV0313B	
Analyte, mg/Kg	LAB ID	Detection					
as Total	143033	143034	143035	143036	143037	143038	Limit,mg/Kg
Arsenic	5.6	4.2	5.9	5.3	9.6	6.8	1.0
Lead	162	160	97	56	192	173	1.0
	FIELD ID						
	CV0423A	CV1013B	CV1225A	CV1066B	HP0311B	CV0516C	
Analyte, mg/Kg	LAB ID	Detection					
as Total	143039	143040	143041	143042	143043	143044	Limit,mg/Kg
Arsenic	11.3	3.5	4.6	9.5	9.5	4.0	1.0
Lead	100	103	97	245	333	77	1.0
	FIELD ID						
	HP0234B	FM0296A	FM0296C	HP0063A	HP0064B		
Analyte, mg/Kg	LAB ID		Detection				
as Total	143045	143046	143047	143048	143049		Limit,mg/Kg
Arsenic	7.1	BDL	1.2	6.3	2.9		1.0
Lead	277	77	421	98	97		1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Reporting Limit All results expressed as PPM mg/Kg of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	4/19/13	Analyst:	M. Hageman
Date Collected:	4/15-18/13	Date Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

	I	META	LLIC A	NALY	ΓES		
	LAB ID		LAB ID 143042MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L as Total	Reagent Blank	LAB ID 143042MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery	
Arsenic	0.008	0.297	81%	0.203	0.200	102%	
QC Matrix: Date Received:	water 4/19/13		Analytical Analyst:	<u> </u>	M. Hagemar		
Date Collected: Sample Collector:	4/15-18/13 J. Redmond	/R. Norman	Date Analysis: Method:		5/8/13 EPA Method	d 6010B	

	ľ	META	LLIC A	NALY	ΓES		
			LAB ID				
	LAB ID		143049MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	143049MS	Recovery %	irc	Conc.	Recovery	
Arsenic	0.008	0.235	82%	0.185	0.200	93%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	4/19/13	Analyst:	M. Hageman
Date Collected:	4/15-18/13	Date Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

	1	META]	LLIC A	NALY	ΓES		
	LAB ID		LAB ID 143042MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L as Total	Reagent Blank	LAB ID 143042MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery	
Lead	0.005	0.494	NA*	0.203	0.200	102%	
QC Matrix: Date Received:	water 4/19/13		Analytical Analyst:		M. Hagemar	<u>1::::::::::::::::::::::::::::::::::::</u>	
Date Collected: Sample Collector:	4/15-18/13 J. Redmond	/R. Norman	Date Analysis: Method:	:	5/8/13 EPA Method	4 6010B	

	1	META	LLIC A	NALYI	ΓES		
			LAB ID				
	LAB ID		143049MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	YD.C	IPC	IPC %	
as Total	Blank	143049MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.007	0.319	NA*	0.198	0.200	99%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

VOL /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



(31)	C 1 100 C 1	D D	Mr. 0 2012	
Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix: soil Extraction Date: 4/23/13

Date Received: 4/19/13 Analyst: Hageman/Currence

Date Collected: 4/16-18/13 Date of Analysis: 4/25/13

Sample Collector: J. Redmond/R. Norman Method: EPA Method 8270C

POL	POLYNUCLEAR AROMATIC HYDROCARBONS								
	FIELD ID CV1282C	FIELD ID CV1013B	FIELD ID FM0296C	FIELD ID HP0064B					
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID		Detection			
Aromatics, ppm	143037	143040	143047	143049		Limit, ppm			
Acenaphthene	BDL	BDL	BDL	BDL		0.050			
Acenaphthylene	BDL	BDL	BDL	BDL		0.050			
Anthracene	0.057	0.059	BDL	BDL		0.050			
Benzo(a)anthracene	0.327	0.845	BDL	0.053		0.050			
Benzo(b)fluoranthene	0.422	1.970	BDL	0.075		0.050			
Benzo(k)fluoranthene	0.326	1.100	BDL	0.063		0.050			
Benzo(ghi)perylene	0.317	1.790	BDL	0.068		0.050			
Benzo(a)pyrene	0.408	1.620	0.054	0.076		0.050			
Chrysene	0.411	1.250	0.062	0.077		0.050			
Dibenzo(ah)anthracene	0.072	0.555	BDL	BDL		0.050			
Fluoranthene	0.545	0.985	0.074	0.093		0.050			
Fluorene	BDL	BDL	BDL	BDL		0.050			
Indeno(1,2,3-cd)pyrene	0.261	1.470	BDL	0.052		0.050			
Naphthalene	0.121	0.094	0.113	BDL		0.050			
Phenanthrene	0.278	0.435	0.108	0.078		0.050			
Pyrene	0.488	0.885	0.064	0.083		0.050			

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

EPA Laboratory ID AL01084

/ QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Noin De

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Report Date: May 9, 2013 Ms. Jymalyn Redmond Reference # Attention: 28638 QC Address: 4659 Huffman Rd. P.O. # E11105 Grady, AL 36036 Project ID: Walter Coke

 QC Matrix:
 water
 Analytical

 Method:
 EPA Method 8270C
 Analyst:
 Hageman/Currence

POLYNUCLEAR AROMATIC HYDROCARBONS

TOETHUCEEAN ANOMATIC HTDRUCEMBONS									
	LAB ID	Method			LAB ID				
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target		
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)		
Acenaphthene	0.02070	0.001	4/25/13	1511	0.020	104%	70-130		
Acenaphthylene	0.02189	0.001	4/25/13	1511	0.020	109%	70-130		
Anthracene	0.02070	0.001	4/25/13	1511	0.020	104%	70-130		
Benzo(a)anthracene	0.02086	0.001	4/25/13	1511	0.020	104%	70-130		
Benzo(b)fluoranthene	0.02160	0.0001	4/25/13	1511	0.020	108%	70-130		
Benzo(k)fluoranthene	0.02169	0.0001	4/25/13	1511	0.020	108%	70-130		
Benzo(ghi)perylene	0.02269	0.0005	4/25/13	1511	0.020	113%	70-130		
Benzo(a)pyrene	0.02203	0.0001	4/25/13	1511	0.020	110%	70-130		
Chrysene	0.01924	0.0005	4/25/13	1511	0.020	96%	70-130		
Dibenzo(ah)anthracene	0.02222	0.001	4/25/13	1511	0.020	111%	70-130		
Fluoranthene	0.01789	0.001	4/25/13	1511	0.020	89%	70-130		
Fluorene	0.02153	0.001	4/25/13	1511	0.020	108%	70-130		
Indeno(1,2,3-cd)pyrene	0.02116	0.001	4/25/13	1511	0.020	106%	70-130		
Naphthalene	0.01784	0.001	4/25/13	1511	0.020	89%	70-130		
Phenanthrene	0.02164	0.001	4/25/13	1511	0.020	108%	70-130		
Pyrene	0.01698	0.0005	4/25/13	1511	0.020	85%	70-130		

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/ QAQC

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Kin Denet

Kevin Doriety Analytical Chemist

0031 Release

Smith, Stephen

From:

Brian Vines

bvines@hwnn.com>

Sent: To: Monday, March 24, 2014 6:38 PM Lodin, Marianne; Smith, Stephen

Subject:

35th Ave. Site

Marianne and Stephen,

I forget where we landed on this, but I seem to remember that you were going to provide us with the raw excel data for the properties y'all had tested? Am I remembering that correctly and, if so, did you and I have forgotten? Also, would that data include XRF testing?

If you can let me know at your earliest convenience, I would greatly appreciate it.

All the best,



From:

Brian Vines

bvines@hwnn.com>

Sent:

Monday, September 08, 2014 11:26 AM

To: Cc: Smith, Stephen Andi Marquez

Subject:

N. Birmingham - Call Tomorrow

Stephen,

Do you have some time to touch base tomorrow? I need to learn some more about the EPA's clean-up plan in the neighborhood—I've received some calls from several clients.

I'm on the road tomorrow, so am generally available, just let me know a time that works for you.

All the best,



From: Smith, Stephen

Sent: Monday, September 08, 2014 11:37 AM

To: Brian Vines

Cc: Andi Marquez; Lodin, Marianne Subject: RE: N. Birmingham - Call Tomorrow

How about 9:30 or 11:00 AM EDT tomorrow? Marianne and I can call you.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W. Atlanta, Georgia 30303 Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com] Sent: Monday, September 08, 2014 11:26 AM

To: Smith, Stephen Cc: Andi Marquez

Subject: N. Birmingham - Call Tomorrow

Stephen,

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I'm on the road tomorrow, so am generally available, just let me know a time that works for you.

All the best.

Brian

HARE | WYNN

NEWELL & NEWTON

BIRMINGHAM LITTLE ROCK LEXINGTON FAYETTEVILLE

Brian Vines

Attorney

2025 3rd Avenue North Suite 800 Birmingham, AL 35203 1-800-568-5330

f ≯ in

From:

Brian Vines

bvines@hwnn.com>

Sent:

Tuesday, September 09, 2014 8:35 AM

To:

Smith, Stephen

Cc:

Andi Marquez; Lodin, Marianne

Subject:

Re: N. Birmingham - Call Tomorrow

Let's do 11, call my cell, 205-568-7800.

Brian Vines

Sent from my iPhone

On Sep 8, 2014, at 10:37 AM, "Smith, Stephen" < Smith.Stephen@epa.gov> wrote:

How about 9:30 or 11:00 AM EDT tomorrow? Marianne and I can call you.

Stephen P. Smith

Associate Regional Counsel

U.S. Environmental Protection Agency, Region 4

Office of Environmental Accountability

61 Forsyth Street, S.W. Atlanta, Georgia 30303

Ph: (404) 562-9554 Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com]
Sent: Monday, September 08, 2014 11:26 AM

To: Smith, Stephen Cc: Andi Marquez

Subject: N. Birmingham - Call Tomorrow

Stephen,

Do you have some time to touch base tomorrow? I need to learn some more about the EPA's clean-up plan in the neighborhood—I've received some calls from several clients.

I'm on the road tomorrow, so am generally available, just let me know a time that works for you.

All the best,

0033 Rolease

Smith, Stephen

From:

Brian Vines

bvines@hwnn.com>

Sent:

Tuesday, October 21, 2014 10:40 AM

To: Cc: Smith, Stephen

Subject:

Annesley H. DeGaris North Birmingham

Stephen,

I have all of the EPA testing data for Hare Wynn's clients. As you know, we've also been working with Cory Watson that represents a lot of individuals in the area. How can they go about getting that data? I've cc'ed Annesley who is leading this case for that firm.

All the best,



0034 Release

Smith, Stephen

From:

Annesley DeGaris <adegaris@cwcd.com>

Sent:

Friday, October 24, 2014 5:06 PM

To:

Smith, Stephen

Cc:

Andy Jones; Brian Vines (BVines@hwnn.com)

Subject:

Walter Coke clients

Earlier in the week Brian Vines Hare Wynn told me that you would be the source for providing the "EPA testing data" on my clients. Andy Jones in my office, is handling this project and any help you can provide would be greatly appreciated. I've instructed Andy, who is copied on this email, to provide you with any information you need in order to provide us with the testing data.

Annesley DeGaris

Shareholder

Cory Watson Crowder & DeGaris, P.C.

2131 Magnolia Avenue, STE 200

Birmingham, AL 35205 Direct: (205) 271-7104 Main: (205) 328-2200 Toll Free: (800) 852-6299 E-Mail: adegaris@cwcd.com

Web: www.cwcd.com

×	

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Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638 QC	- 1
Address:	4659 Huffman Rd.	P.O. #	E11105	- 1
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	4/19/13	Analyst:	M. Hageman
Date Collected:	4/15-18/13	Date Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

METALLIC ANALYTES									
			LAB ID						
	LABID		143042MS	LAB ID	LABID	LABID			
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC%	+		
as Total	Blank 14	143042MS	Recovery %	нС	Conc.	Recovery			
Arsenic	0.008	0.297	81%	0.203	0.200	102%			
QC Matrix:	water		Analytical						
Date Received:	4/19/13		Analyst:		M. Hageman				
Date Collected:	4/15-18/13		Date Analysis:	:	5/8/13				
Sample Collector:	J. Redmond	R. Norman	Method:		EPA Method	t 6010B			

METALLIC ANALYTES										
			LAB ID							
	LAB ID		143049MS	LAB ID	LABID	LABID				
Analyte, mg/L	Reagent	LAB ID	Spike		IPC	IPC %				
as Total	Blank	143049MS	Recovery %	IPC	Conc.	Recovery				
Arsenic	0.008	0.235	82%	0.185	0.200	93%				

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	i

QC Matrix:	water	Analytical	
Date Received:	4/19/13	Analyst:	M. Hageman
Date Collected:	4/15-18/13	Date Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

	1	META	LLIC A	NALY	ΓES		
			LAB ID				
	LAB ID		143042MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	ma	IPC	IPC %	
as Total	Blank	143042MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.005	0.494	NA*	0.203	0.200	102%	
QC Matrix:	water		Analytical				
Date Received:	4/19/13		Analyst:		M. Hageman	1	
Date Collected:	4/15-18/13		Date Analysis:		5/8/13		
Sample Collector:	J. Redmond	/R. Norman	Method:		EPA Method	t 6010B	

	I	META	LLIC A	NALYT	ES		
			LAB ID				
	LABID		143049MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	143049MS	Recovery %	IPC	Conc.	Recovery	
Lead	0.007	0.319	NA*	0.198	0.200	99%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

	Invoice # (LAB use only): 28U77	300	4/21/13	Jasha McMally				
	Befrigerated upon receipt: (yes) and	Time 18	Date		Time	Date		Signed:
4	27			q				
Y	Remarks: Page 1 of 2 * Addal (e-mail enclosed)	Time R	Date	Received by: Signed:	Time	Date		Relinquished by: Signed:
	*3-Day *2-Day *Next Day *Same Day							
				Signed:	8	N28/12	24	Signed: While
	Turn Around Time (please note):	Time T	Date	Received by:	Time	Date	Sampler:	Simple of Sampler.
8/6/08				Vial, (t) Tedlar bag Container:	, (v) VOC	(p) Plastic	Relinquiched by Complex (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Deliminished by
Last revised			lce	n Acctate Preservative:	iaOH, (e)Zı	² SO ₄ , (d)N	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)E
	×		×	composite soil	11:20	4/24/13	CV1342A	143204
	×		×	composite soil	10:30	4/24/13	HP0200B	143268
	X		×	composite soil	09:41	4/24/13	HP0232B	143207
	L		×	composite soil	8:56	4/24/13	HP0288A	143260
	X (1/0927 H		×	13.51 composite soil	17:93	4/23/13	CV092714	143205
	X		×	composite soil	13:22	4/23/13	CV0575A	143204
	X	×	X	composite soil	12:46	4/23/13	HP0157A	145203
	X		X	composite soil	10:33	4/23/13	CV0147A	143202
	×		×	composite soil	09:44	4/23/13	CV0718B	1432ψ
	X		×	composite soil	08:53	4/23/13	CV0427A	143200
	X	×	×	Grab soil	15:22	4/23/13	CV0686C	143259
Community	X	×	X	composite soil	14:59	4/23/13	CV0686A	143258
of sample	Lead	PAH's	Arsen	SAMPLE DESCRIPTION (matrix)	DATE TIME Collected Collected	DATE Collected	FIELD ID	LAB ID
			ic					
							R F J	DATE DELIVERED:
	ANALYSIS REQUESTED / METHOD	,						
	SAMPLER(S): N. Berrios (print)		oke, Inc	PROJECT: Walter Coke, Inc	en,	Newton		
					701	nn Meu	Hare Wy	CITENT
	yes no Fax#:	PDF Results:	PD					
	ivmalvn.redmond@amcnetwork.com	E-mail:		Client P.O # E1110s			bellsouth.net	E-Mail: suthlab@bellsouth.net
	334 562 0105 01 500 7010	Phone# / Cell#:	Phone)581-9504	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
	Jymalyn Redmond 4659 Huffman Road Grady, AL 36036	Name/Co.:Address:		ANALYSIS REQUEST			South 33	2515 5th Avenue South B'HAM, AL 35233
28677	ORT TO:	SEND REPORT TO:		CHAIN OF CUSTODY			Company, Inc	Sutherland Environmental Company Inc.

2515 5th Avenue South Environmental Company, Inc.

E-Mail: suthlab@bellsouth.net

Phone# / Cell#:

334-562-9195 or 590-7010

PHONE (205)581-9500 FAX (205)581-9504

B'HAM, AL 35233

ANALYSIS REQUEST

Name/Co.:

Address: Jymalyn Redmond 4659 Huffman Road Grady, AL 36036

E-iviail. suilliao@oettsouin.nei)oensouin.net			Client P.O. # E11105		E-mail:	M	lymalyn.redmond@gmcnetwork.com	
					PD	PDF Results:	yes no	Fax #:	
CLIENT:	Hare, Wy	Wynn, Newell,	ell,	PROJECT: Walter C	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		SAMPLER(S):		
	Ne	Newton		walter Coke, Inc	oke, inc	,	(print)	N. Berrios	
							ANALYSIS REQU	UESTED / METHOD	
DATE DELIVERED:	RED:				2		AVVIII -		
LAB ID	FIELD ID	DATE Collected	TIME	SAMPLE DESCRIPTION (matrix)	rseni	'AH's	ead		Number of sample
143270	CV0790C		13:54	composite soil	< A	P	⟨ L		containers
143271	FM0023A	4/25/13	14:02	composite soil	× ;		x ;		
143272	CV0282B	4/25/13	13:25	composite soil	×		× ;		<u> </u>
143213	CV0121A	4/25/13	10:58	composite soil	×		×;		- I
14324	CV1312B	4/25/13	10:01	composite soil	×		×		}
143275	CV0752B	4/25/13	09:13	composite soil	×		×		
143276	CV0752C	4/25/13	09:23	Ga Assuposite soil	×	×	×		
143277	FM0245A	4/25/13	15:57	composite soil	×		×		
143278	FM0245C	4/25/13	16:08	composite soil	×		×		
				composite soil	×		×		
				composite soil	X		×		,
				composite soil	X		X		
Preservative: (a)H	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (c)Zn Acctate	1 ₂ SO ₄ , (d)N ₂	aОН, (e)Z	n Acctate Preservative:	Ice				Last revised
Container type: (a) Amber, (g) Glass	, (p) Plastic,	(v) VOC	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Container:	┢				8/6/08
Signed: A	angue.	Date	Lime	Received by:	Date	Time	Turn Around Time	e (please note):	
	m	A/20/3	57	Signed:			Standard 2	X *RUSH, mark below	
Dalinauichad h			_и				*3-Day	my *2-Day *Next Day *Same Day	
Signed:		Date	lime	Received by: Signed:	Date	Time	Remarks: Page 2 of 2		
Relinquished by:		Date	Time	Received in Laboratory by:	Date	Time	Refrigerated upon receip		
orguse.				Signed: McMonly	4/20/12 300	8	invoice # (LAB use only	∵रचः।	
				1				* C C	

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 10, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28677 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical				
Method:	EPA Metho	d 8270C	Analyst:		Hageman/C	urrence	· · · · · · · · · · · · · · · · · · ·
							
POL	YNUCL	EAR AR	OMATI	C HYDF	COCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.00909	0.001	5/1/13	1610	0.010	91%	70-130
Acenaphthylene	0.00895	0.001	5/1/13	1610	0.010	90%	70-130
Anthracene	0.00900	0.001	5/1/13	1610	0.010	90%	70-130
Benzo(a)anthracene	0.00906	0.001	5/1/13	1610	0.010	91%	70-130
Benzo(b)fluoranthene	0.01065	0.0001	5/1/13	1610	0.010	107%	70-130
Benzo(k)fluoranthene	0.01062	0.0001	5/1/13	1610	0.010	106%	70-130
Benzo(ghi)perylene	0.01078	0.0005	5/1/13	1610	0.010	108%	70-130
Benzo(a)pyrene	0.01132	0.0001	5/1/13	1610	0.010	113%	70-130
Chrysene	0.00916	0.0005	5/1/13	1610	0.010	92%	70-130
Dibenzo(ah)anthracene	0.01043	0.001	5/1/13	1610	0.010	104%	70-130
Fluoranthene	0.00870	0.001	5/1/13	1610	0.010	87%	70-130
Fluorene	0.00885	0.001	5/1/13	1610	0.010	89%	70-130
Indeno(1,2,3-cd)pyrene	0.01035	0.001	5/1/13	1610	0.010	104%	70-130
Naphthalene	0.00902	0.001	5/1/13	1610	0.010	90%	70-130
Phenanthrene	0.00925	0.001	5/1/13	1610	0.010	93%	70-130
Pyrene	0.00862	0.0005	5/1/13	1610	0.010	86%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/ QAQC

ADEM # 41470 EPA Laboratory ID AL01084 Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 10, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28677 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
l	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	4/26/13	Analyst:	M. Hageman
Date Collected:	4/23-25/13	Date Analysis:	5/9/13
Sample Collector:	N. Berrios	Method:	EPA Method 6010B

	ľ	META	LLIC A	NALY'	ГES		
			LAB ID				
	LAB ID		143267MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	1700	IPC	IPC %	
as Total	Blank	143267MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.309	82%	0.198	0.200	99%	
QC Matrix:	water		Analytical				
Date Received:	4/26/13		Analyst:		M. Hageman	1	
Date Collected:	4/23-25/13		Date Analysis	: :	5/9/13		
Sample Collector:	N. Berrios		Method:		EPA Method	d 6010B	

	1	METAI	LLIC A	NALYT	CES		
			LAB ID				
	LAB ID		143278MS	LABID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IIDC	IPC	IPC %	
as Total	Blank	143278MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.016	0.212	88%	0.214	0.200	107%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 10, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28677 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
<u> </u>	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	4/26/13	Analyst:	M. Hageman
Date Collected:	4/23-25/13	Date Analysis:	5/9/13
Sample Collector:	N. Berrios	Method:	EPA Method 6010B

	1	META	LLIC A	NALY	ΓES		
	LABID		LAB ID 143267MS	LAB ID	LABID	LABID	
Analyte, mg/L as Total	Reagent Blank	LAB ID 143267MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery	
Lead	0.002	0.352	NA*	0.206	0.200	103%	
QC Matrix: Date Received: Date Collected: Sample Collector:	water 4/26/13 4/23-25/13 N. Berrios	-	Analytical Analyst: Date Analysis: Method:		M. Hageman 5/9/13 EPA Method		

	1	META	LLIC A	NALY	res		
			LAB ID				
	LABID		143278MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	143278MS	Recovery %	irc	Conc.	Recovery	
Lead	BDL	0.330	NA*	0.204	0.200	102%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MUSI /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Non Derect

B'HAM, AL 35233 2515.5th Avenue South

Signed: Relinquished by: Signed: Relinquished by Sampler: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate Signed: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag
Relinquished by Sampler:

Date Time Received by: Relinquished by 143388 143389 143392 143393 DATE DELIVERED: CLIENT 143390 143387 E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 Environmental Company, Inc. 43391 LABID CV0466A CV0964A CV0963A CV0662A CV0670C CV0731A CV0670B CV0728B CV0727A FIELD ID Hare, Wynn, Newell, Newton 4/30/13 5/2/3 4/30/13 4/29/13 4/29/13 Collected 4/30/13 4/30/13 4/30/13 | 09:36 4/30/13 4/29/13 Date Date DATE 4:4 09:15 14:10 13:35 Collected 12:40 10:35 Time 13:22 13:57 14:24 lime TIME Received in Laboratory by: Signed: Received by: Received by: Signed: SAMPLE DESCRIPTION (matrix) PROJECT: Client P.O. # CHAIN OF CUSTODY ANALYSIS REQUEST composite soil Preservative: E11105 Container: Walter Coke, Inc 5/13/13 4: KS Date Date Date Ice × × × × × × × × ★ Arsenic Phone# / Cell#: PDF Results: Time Time SEND REPORT TO: Address: E-mail: × PAH's × Invoice # (LAB use only) Refrigerated apon receipt: Remarks: Standard Turn Around Time (please note): SAMPLER(S) ANALYSIS REQUESTED / METHOD × × × × × × × Lead × yes *3-Day 3 4659 Huffman Road Grady, AL 36036 × ymalyn.redmond@gmcnetwork.com 334-562-9195 or 590-7010 *2-Day **(2)** Jymalyn Redmond *RUSH, mark below Fax #: *Next Day A. Davis *Same Day 28517 Last revised of sample container Number 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	May 10, 2013 28717 QC E11105 Walter Coke, Inc
--	---	--

QC Matrix:	water	Analytical	
Date Received:	5/2/13	Analyst:	M. Hageman
Date Collected:	4/29-30/13	Date Analysis:	5/9/13
Sample Collector:	A. Davis	Method:	EPA Method 6010B

	1	META	LLIC A	NALY'	ΓES		
	LABID		LAB ID 143394MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L as Total	Reagent Blank	LAB ID 143394MS	Spike	IPC	IPC Conc.	IPC % Recovery	
Arsenic	0.020	0.239	75%	0.192	0.200	96%	
QC Matrix: Date Received; Date Collected: Sample Collector:	water 5/2/13 4/29-30/13 A. Davis		Analytical Analyst: Date Analysis: Method:		M. Hageman 5/9/13 EPA Method		

]	META]	LLIC A	NALYI	TES		
			LABID				
	LABID		143394MS	LABID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IDC	IPC	IPC %	
as Total	Blank	143394MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.372	NA*	0.200	0.200	100%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MH/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

					7				
	્ર જ જ લ	Invoice # (LAB use only):	416	Sloots	Jasha McMally				
	(FG) 100	Refrigerated upon receipt:	Time	Date	d in Laboratory by:	Time	Date		Signed:
									Palinguiched h
		Remarks:Page 1 of 2	Time	Date	Received by: Signed:	i une	Date	`	Signed:
*Same Day		*3-Day	<u>L</u>						Relinquished by:
	*RUSH, mark below	Standard X			Signed:	15.3	5/23/13	whi	War
	lease note):	Turn Around Time (please note):	Time	Date	Received by:	1 ime	Date	./	Signed:
8/6/08				ņσ	(p) Plastic, (v) VOC Vial, (t) Tedlar bag Container:	(v) VOC		Relinquished by Sampler:	Relinquished by Sampler
				ICE	n Acetate Preservative:	aOH, (e)Zr		Continer time: (a) Amba: (b) Amba: (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Container time: (a)
			×	×	composite soil	09:21	5/21/13	CV0/29-B	こうつつ
			×	X	composite soil	10:58	5/21/13	CV:10720 T	1000
			×	×	composite soil	₹ ₽	5/21/13	CV1189-B	1000
,		X	х	×	composite soil	_	5/21/13	CV0828-C	2000
-			Х	×	composite soil	1	5/21/13	CV0828-A	14007
			Х	×	composite soil	14:41	5/21/13	CV0838-B	140818
<u></u>			×	×	composite soil	15;40	5/21/13	CV0912-C	14584)
-			×	×	composite soil	15:22	5/21/13	CV0912-B	145840
			×	Х	composite soil	15:15	5/21/13	CV0912-A	150 CT
		×	×	×	composite soil	T	5/20/13	CV1198-B	140844
,			×	Х	composite soil	14:29	5/20/13	CVU28/-B	140045
ACTION OF			Х	X	composite soil	15:05	5/20/13	CY0182-A	PLO CHI
of sample		PA	Lea		CHARLES DESCRIPTION (MARIX)			CVINION	2000
Number		H	ıd	senio		TIME	DATE	FIELD ID	LAB ID
				:		L			
								RED:	DATE DELIVERED:
	STED / METHOD	ANALYSIS REQUESTED / METHOD							
-Cartagena	ivaliliter Berrios-Cartagena	(print)						NA VI	
	No.	SAMPLER(S):		Walter Coke	PROJECT: Walter	viewton	Newell, N	Hare Wynn, Newell, Newton	
									CLIHNT:
	Fax #:	yes no	PDF Results:	P					
com	lyn.redmond@gmcnetwork.com	iymalyn.	E-mail:		Client P.O. # E11105			(
	334-590-7010		Phone# / Cell#:	, Pho		•	7)201*7304	abellsouth.net	E-Mail; suthlab@bellsouth.net
	Grady, AL 36036						17461 0404	PHONE (205)581-9500 FAY (205)581 0504	PHONE (205)5
is carrood	4659 Huffman Road		Address:					233 233	B'HAM, AL 35233
le Camood	Jymalyn Redmond/ Goodwyn Mills Caused		Name/Co.:		ANALYSIS REQUEST			Environmental Company, Inc.	2515 5th August
<i>8888</i>		SEND REPORT TO:	SEND R		CHAIN OF CUSTODY			. *	Sumerland

2515 5th Avenue South B'HAM, AL 35233 Environmental Company, Inc.

E-Mail: suthlab@bellsouth.net

Client P.O. #

E11105

PDF Results:

no

ivmalvn.redmond@gmcnetwork.com

E-mail:

Phone# / Cell#:

PHONE (205)581-9500 FAX (205)581-9504

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Name/Co.: Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036 334-590-7010

	2883A		Je3/13 4:16	Jasha-McMelly				
	The state of the s		n		70			Signed:
	-1	Time Refu	Date	Received in Laboratory by:	Time I	Date		Relinquished by:
				ाष्ट्रास्य.				
,	Remarks: Page 2 of 2	Time Rema	Date	Received by:	Lime	Date	,	Signed:
e Day	*3-Day *2-Day *Next Day *Same Day							Relinquished by
	dard X *RUSH, mark below	Standard		อหูมสินส์.	14:36	5/23/4	The	Wheth
	Turn Around Time (please note):	Time Turn	Date	Simad:			\	Signed:
8/6/08			8	iat, (r) register container:	Timo	Date	Relinquished by Sampler: Date Time (Page 14)	Relinquished by Sampler:
Last revised			ICE	7.7	r (v) VOC V	. (n) Placti	a) Amber, (g) Glass	Container type: (
				A COLOR	NoOU (-)7-	SO (A)	Preservative: (a)HCI (b)HNO (c)H SO (d)NIOTI (-)7	Preservative: (a)
		1		composite soil				
				composite soil				
				composite soil				
				composite soil				
				composite soil				
		×	X	composite soil	3 9:30	5/22/13	CV0543-C	0/452
		×	X	composite soil	3 10:45	5/22/13	HF0036-C	14000
		×	×	composite soil		5/22/13	TIP0036-A	10.00
11		×	×	composite soil		3/22/1	Impose 4	1/20/0/
		×	>	composite son	_	5/33/13	CVD950-A	142900
-		د ا ۶	< ;	composite soil	3 14:21	5/22/13	FM0028-B	143900
		\dashv	×	composite soil	3 15:09	5/22/13	CV1271-A	148905
containers	X	-	×	composite soil	3 10:05	5/21/13	CV0525-B	145904
of sample	PAH	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	TIME d Collected	Collected	FIELD ID	HAB ID
			ie					
The second secon							RED:	DATE DELIVERED:
	ANALYSIS REQUESTED / METHOD	AN						
Brittney Brown	~	(print)	CORG					
	SAMPLER(S):	SAN	. Calca	PROJECT: W/alter		Newell,	Hare Wynn, Newell, Newton	C L I I Z I :
								7

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Report Date: May 31, 2013 Attention: Ms. Jymalyn Redmond Reference # 28832 QC Address: 4659 Huffman Rd. P.O. # E11105 Grady, AL 36036 Project ID: Walter Coke

QC Matrix:	water		Analytical				
Method:	EPA Metho	od 8270C	Analyst:	-	Hageman/C	lurrence	
POL	YNUCL	EAR AR	OMATI	C HYDI	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01097	0.001	5/29/13	1143	0.010	110%	70-130
Acenaphthylene	0.01060	0.001	5/29/13	1143	0.010	106%	70-130
Anthracene	0.00881	0.001	5/29/13	1143	0.010	88%	70-130
Benzo(a)anthracene	0.01050	100.0	5/29/13	1143	0.010	105%	70-130
Benzo(b)fluoranthene	0.00988	1000.0	5/29/13	1143	0.010	99%	70-130
Benzo(k)fluoranthene	0.01080	0.0001	5/29/13	1143	0.010	108%	70-130
Benzo(ghi)perylene	0.00953	0.0005	5/29/13	1143	0.010	95%	70-130
Benzo(a)pyrene	0.01066	0.0001	5/29/13	1143	0.010	107%	70-130
Chrysene	0.00925	0.0005	5/29/13	1143	0.010	93%	70-130
Dibenzo(ah)anthracene	0.00840	0.001	5/29/13	1143	0.010	84%	70-130
Fluoranthene	0.01045	0.001	5/29/13	1143	0.010	105%	70-130
Fluorene	0.01087	0.001	5/29/13	1143	0.010	109%	70-130
Indeno(1,2,3-cd)pyrene	0.00833	0.001	5/29/13	1143	0.010	83%	70-130
Naphthalene	0.00827	100.0	5/29/13	1143	0.010	83%	70-130
Phenanthrene	0.00889	0.001	5/29/13	1143	0.010	89%	70-130
Pyrene	0.01048	0.0005	5/29/13	1143	0.010	105%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



1	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. #	May 31, 2013 28832 QC E11105
L	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	5/23/13	Analyst:	Kevin Doriety
Date Collected:	5/20-22/13	Date Analysis:	5/29/13
Sample Collector:	N. Berrios-Cartagena	Method:	EPA Method 6010B

	I	META	LLIC A	NALY	ΓES		· · · · · · · · · · · · · · · · · · ·
			LAB ID				
	LABID		143901MS	LAB ID	LAB ID	LABID	
Analyte, mg/L as Total	Reagent Blank	LAB ID 143901MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery	
Arsenic	BDL	0.423	92%	0.184	0.200	92%	
QC Matrix: Date Received: Date Collected: Sample Collector:	water 5/23/13 5/20-22/13 N. Berrios-C		Analytical Analyst: Date Analysis: Method:		Kevin Doriet 5/30/13 EPA Method	~	

	1	META	LLIC A	NALYI	TES	***************************************	
			LAB ID				
	LAB ID		143910MS	LABID	LAB ID	LABID	†
Analyte, mg/L	Reagent	LABID	Spike		IPC	IPC %	
as Total	Blank	143910MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.423	93%	0.186	0.200	93%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 31, 2013
	Ms. Jymalyn Redmond 4659 Huffman Rd.	Reference # P.O. #	28832 QC E11105
<u> </u>	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	5/23/13	Analyst:	Kevin Doriety
Date Collected:	5/20-22/13	Date Analysis:	5/29/13
Sample Collector:	N. Berrios-Cartagena	Method:	EPA Method 6010B

	1	META	LLIC A	NALY'	ΓES		
			LAB ID				
	LABID		143901MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	143901MS	Recovery %		Conc.	Recovery	
Lead	0.002	0.254	NA*	0.193	0.200	97%	
QC Matrix:	water		Analytical				
Date Received:	5/23/13		Analyst:		Kevin Doriet	v	
Date Collected:	5/20-22/13		Date Analysis:		5/30/13	J	
Sample Collector:	N. Berrios-C	Cartagena	Method:		EPA Method	1 6010B	

	1	META)	LLIC A	NALYI	ES		
			LAB ID				
	LABID		143910MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	1	IPC	IPC %	
as Total	Blank	143910MS	Recovery %	IPC	Сопс.	Recovery	
Lead	0.001	0.281	NA*	0.202	0.200	101%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MX /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kein Donat

Signed: Signed: Signed: Almalon B'HAM, AL 35233 Relinquished by: Relinquished by: Relinquished by Sampler: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate DATE DELIVERED: CLUHNT: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 2515 5th Avenue South Environmental Company, Inc. Sutherland Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag **प** 3946 43945 LAB ID HP0332-B HP0331-A Hare Wynn, Newell, Newton FIELD ID 5/24 5/24/13 5/24/13 Collected DATE Date Date Date Collected 08:46 08:25 2:30 TIME Time Time Time Signed: M Received by: Signed: Signed; Received by: Received in Laboratory by PROJECT: SAMPLE DESCRIPTION (matrix) Client P.O. # CHAIN OF CUSTODY ANALYSIS REQUEST composite soil composite soil E11105 Preservative: Container: Walter Coke Date Date iCE Date Arsenic × × Phone# / Cell#: PDF Results: SEND REPORT TO: 1430 Address: Time Time E-mail: Time Lead × × Rairingerated apon receipt: (yes) Remarks: SAMPLER(S): Turn Around Time (please note): Invoice # (LAB use only): Standard ANALYSIS REQUESTED / METHOD yes PAH × Jymalyn Redmond/ Goodwyn, Mills, Cawood 80 *3-Day × ymalyn,redmond@gmcnetwork.com Nairimer Berrios-Cartagena/Britaney, Branch *2-Day 4659 Huffman Road Grady, AL 36036 334-590-7010 *RUSH, mark below Next Day 14887# *Same Day of sample Last revised container Number 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond	Report Date: Reference #	June 3, 2013 28841 OC
Address:	4659 Huffman Rd.	P.O. #	E11105
L	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water		Analytical	············			
Method:	EPA Methe	od 8270C	Analyst:	-	Hageman/C	lurrence	
			· · · · · · · · · · · · · · · · · · ·		-		· · · · · · · · · · · · · · · · · · ·
POL	YNUCL	EAR AR	OMATI	C HYDI	ROCARI	BONS	**
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01097	0.001	5/29/13	1143	0.010	110%	70-130
Acenaphthylene	0.01060	0.001	5/29/13	1143	0.010	106%	70-130
Anthracene	0.00881	0.001	5/29/13	1143	0.010	88%	70-130
Benzo(a)anthracene	0.01050	0.001	5/29/13	1143	0.010	105%	70-130
Benzo(b)fluoranthene	0.00988	0.0001	5/29/13	1143	0.010	99%	70-130
Benzo(k)fluoranthene	0.01080	0.0001	5/29/13	1143	0.010	108%	70-130
Benzo(ghi)perylene	0.00953	0.0005	5/29/13	1143	0.010	95%	70-130
Benzo(a)pyrene	0.01066	0.0001	5/29/13	1143	0.010	107%	70-130
Chrysene	0.00925	0.0005	5/29/13	1143	0.010	93%	70-130
Dibenzo(ah)anthracene	0.00840	0.001	5/29/13	1143	0.010	84%	70-130
Fluoranthene	0.01045	0.001	5/29/13	1143	0.010	105%	70-130
Fluorene	0.01087	0.001	5/29/13	1143	0.010	109%	70-130
Indeno(1,2,3-cd)pyrene	0.00833	0.001	5/29/13	1143	0.010	83%	70-130
Naphthalene	0.00827	0.001	5/29/13	1143	0.010	83%	70-130
Phenanthrene	0.00889	0.001	5/29/13	1143	0.010	89%	70-130
Pyrene	0.01048	0.0005	5/29/13	1143	0.010	105%	70-130

BDL = Below Detection Limit All results expressed as PPM (mg/L)

ADEM #41470

MY /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28841 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	5/24/13	Analyst:	Kevin Doriety
Date Collected:	5/24/13	Date Analysis:	6/3/13
Sample Collector:	N. Berrios-Cartagena	Method:	EPA Method 6010B

	I	META	LLIC A	NALY	TES		
			LAB ID				
	LAB ID		143946MS	LAB ID	LABID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	**	IPC	IPC %	
as Total	Blank	143946MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	BDL	0.388	88%	0.199	0.200	100%	
QC Matrix:	water		Analytical				
Date Received:	5/24/13		Analyst:		Kevin Dories	ty	
Date Collected:	5/24/13		Date Analysis	•	6/3/13	-	
Sample Collector:	N. Berrios-C	Cartagena	Method:		EPA Method	ł 6010B	

	ľ	META	LLIC A	NALY	ΓES		
			LAB ID				
	LAB ID		143946MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IPC	IPC	IPC %	
as Total	Blank	143946MS	Recovery %	irc	Conc.	Recovery	
Lead	BDL	0.111	NA*	0.218	0.200	109%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

SEND REPORT TO:

Signed: Markey Signed: Relinquished by: Relinquished by: DATE DELIVERED: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 2515 5th Avenue South Environmental Company, Inc. Signed: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate CLIANT: B'HAM, AL 35233 Relinquished by Sampler 194102 144107 SOIPE! 144101 **全**図 144098 ontainer type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tediar bag 144108 144103 4400 **FA104** 4400 LAB ID FM0322A FM-0349A HP0299B | 5/29/13 | 15:35 HP0299A HP0125A HP0072A HP0175A FM0348B HP0193A HP0098D HP0098A Hare Wynn, Newell, Newton HP0175C FIELD ID ž 5/29/13 5/29/13 5/31/13 4:10 |5/29/13| 15:27 5/29/13 5/29/13 5/29/13 5/29/13 5/29/13 5/28/13 13:36 5/28/13 14:34 5/28/13 Collected DATE Date Date 1 Collected 12:53 9:01 14:54 9:37 11:00 10:32 14:23 13:39 TIME Time Time Time Signed: Signed: Received in Laboratory by Received by: Received by: PROJECT: SAMPLE DESCRIPTION (matrix) Client P.O. # ANALYSIS REQUEST composite soil E11105 Preservative: Container Walter Coke 5/3/15/48 Date Date Œ Date × × × × × × × × × × \bowtie × Arsenic Phone# / Cell#: PDF Results: Time Address: Time Time E-mail: × × × × \times × × × × × × × Lead Invoice # (LAB use only) SAMPLER(S): Turn Around Time (please note): Remarks: Standard ANALYSIS REQUESTED / METHOD Yes PAH × × Jymalyn Redmond/ Goodwyn, Mills, Cawood *3-Day ਰ × vmalyn.redmond@gmcnetwork.com *2-Day 4659 Huffman Road Grady, AL 36036 334-590-7010 *RUSH, mark below Nairimer Berrios-Cartagena *Next Day *Same Day of sample containers Last revised Number 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 10, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28871 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical				
Method:	EPA Metho	d 8270C	Analyst:	•	Hageman/C	urrence	

POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARE	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01879	0.001	6/6/13	1842	0.020	94%	70-130
Acenaphthylene	0.01774	0.001	6/6/13	1842	0.020	89%	70-130
Anthracene	0.01831	0.001	6/6/13	1842	0.020	92%	70-130
Benzo(a)anthracene	0.02124	0.001	6/6/13	1842	0.020	106%	70-130
Benzo(b)fluoranthene	0.01983	0.0001	6/6/13	1842	0.020	99%	70-130
Benzo(k)fluoranthene	0.02086	0.0001	6/6/13	1842	0.020	104%	70-130
Benzo(ghi)perylene	0.01782	0.0005	6/6/13	1842	0.020	89%	70-130
Benzo(a)pyrene	0.02056	0.0001	6/6/13	1842	0.020	103%	70-130
Chrysene	0.01852	0.0005	6/6/13	1842	0.020	93%	70-130
Dibenzo(ah)anthracene	0.01732	0.001	6/6/13	1842	0.020	87%	70-130
Fluoranthene	0.02015	0.001	6/6/13	1842	0.020	101%	70-130
Fluorene	0.01896	0.001	6/6/13	1842	0.020	95%	70-130
Indeno(1,2,3-cd)pyrene	0.01768	0.001	6/6/13	1842	0.020	88%	70-130
Naphthalene	0.01705	0.001	6/6/13	1842	0.020	85%	70-130
Phenanthrene ·	0.01809	0.001	6/6/13	1842	0.020	90%	70-130
Рутепе	0.01988	0.0005	6/6/13	1842	0.020	99%	70-130

BDL = Below Detection Limit All results expressed as PPM (mg/L)

/ QAQC

ADEM # 41470 EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 10, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28871 OC
Address:	4659 Huffman Rd.	P.O. #	E11105
L	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	5/31/13	Analyst:	Kevin Doriety
Date Collected:	5/28-29/13	Date Analysis:	6/10/13
Sample Collector:	N.B.C.	Method:	EPA Method 6010B

	I	META	LLIC A	NALY'	TES		
			LAB ID				
	LABID		144109MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LABID	Spike	IDA	IPC	IPC %	
as Total	Blank	144109MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.002	0.211	77%	0.221	0.200	111%	
QC Matrix:	water		Analytical				
Date Received:	5/31/13		Analyst:		Kevin Doriet	v	
Date Collected:	5/28-29/13		Date Analysis:		6/10/13	3	
Sample Collector:	N.B.C.		Method:		EPA Method	1 6010B	

	1	META)	LLIC A	NALYT	ES		
			LAB ID				
	LABID		144109MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	144109MS	Recovery %	IPC	Conc.	Recovery	
Lead	BDL	0.115	. NA*	0.213	0.200	107%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Sutherland
Environmental Company, Inc.

CHAIN OF CUSTODY
ANALYSIS REQUEST

SEND REPORT TO:

	X > X			9				
	Invance # CLAB use only)	SE	邻	John Mille	L			'
	Refrigerated a poor receipt: / yes an	Time	Date	Received in Laboratory by:	Time	Date		Relinquished by: Signed:
				Signed:				olgned:
Day		Time	Date	Received by:	Time 1	Date		Relinquished by:
	SH, mark below			Signed:	2,52	6/1/13	Mu	Marilia
	Turn Around Time (please note):	Time	Date	Received by:	31113	, de	\	gned:
8/6/08			gto,	ial, (t) Tedlar bag Container:	v) VOC V	Data C	Relinquished by Sampler Date To B. Tedlar bag	Relinquished by Sampler.
Last revised			ICE	.	Он, (е)Zn	2004, (d)Na	Container type: (a) Amber (a) Class (b) Plant: (b) Trock (c) Acetate	otainer type: (a)
-		×	×	composite soil	12:30	6/5/13	CVUI39A	eservative: (a)H
- -		×	×	composite soil	10:45	6/5/13	CV0145A	
<u> </u>		×	Х	composite soil	10:10	6/5/13	CV 0271A	あると
- -		×	×	composite soil	14:20	6/4/13	CV0027B	(2) (2)
- -		x	×	composite soil	14:00	6/4/13	CV0732B	1200 1200 1200 1200 1200 1200 1200 1200
- -		×	×	composite soil	12:35	6/4/13	CV0622A	1200
- -		×	×	composite soil	12:20	6/4/13	CV0625A	74008
- -	×	×	X	composite soil	10:10	6/4/13	CV0710A	1200日
- -		×	×	composite soil	08:25	6/4/13	CV0492A	14 dal
- -		×	×	composite soil	13:35	6/3/13	CV0435B	thoob th
- -		×	×	composite soil	14:05	6/3/13	CA0690R	Toot
1		×	×	composite soil	14:50	6/3/13	CV06/9B	THOO!
of sample	РАН	Lead	Arse	SAMPLE DESCRIPTION (matrix)	Collected		CITATION	1000
Number		ļ	nic		HMET	DATE		T AB ID
1 2 11							RED:	DATE DELIVERED:
	ANALYSIS REQUESTED / METHOD							
	SAMPLER(S): (print) Ryan Stubbs		Walter Coke	Walte		Newell, N	Hare Wynn, Newell, Newton	
	一年 のは、一年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の		W. 188	The state of the s	\$			CLIENT:
13	yes no Fax #-	PDF Results:	-	CHEMITA C. T. E.I. (O)			A CONTRACTOR STATE OF THE STATE	
	ivmalvo	E-mail;		Client P.O. # E11105			Delisouth.net	E-ivian: Sumiao@beilsouth.net
	334 SQ0-7010	Phone# / Cell#:	Ph)581-9504	PHONE (205)581-9500 FAX (205)581-9504	HONE (205)58
	4	Address:					33	B'HAM, AL 35233
Cawood	Jymalyn Red	Name/Co.:		MANAGE TO NE QUEST			South	2515 5th Avenue South
-		: i		A Z A I VOIO ロガンゴラウナ			Josephany, Mc.	

2515 5th Avenue South Environmental Company, Inc.

B'HAM, AL 35233

E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504

Client P.O. #

E11105

Phone# / Cell#:

PDF Results:

yes

100

ivmalyn.redmond@gmcnetwork.com 334-590-7010

Fax #:

E-mail:

ANALYSIS REQUEST CHAIN OF CUSTODY

SEND REPORT TO:

Name/Co.: Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036

ELIVERRED: DATE TIME SAMPLE DESCRIPTION (marix) Fig. FIELD ID Collected Collected Collected Composite soil X X		TACK COURT OF THE PROPERTY OF	250	11/B	Jako McMally				
Fig. 10 PROJECT: Walter Coke SAMPLERS); Ryan Stubbs		0	Т						Signed:
PROJECT: Walter Coke SAAPELER(S): Ryan Stubbs	The Paris of the P		╢	Date	Received in Laboratory by:		Date		Kelinquished by:
Hare Wynn, Newell, Newton PROJECT Walter Coke SAMPLER(S) Ryan Stubbs Ryan					- Spiroti				
PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs Ryan		Remarks:Page I of 2	Time	Date	Signad:		Daw		Signed:
PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs PROJECT: Walter Coke Profino Ryan Stubbs Ryan Stubbs		Day *2-Day *Next Day		I	Backett	_L	Date		Relinquished by:
PROJECT: Walter Coke SAMPLEER(S): Ryan Stubbs		×			orginal.		0/1/13	An	Theren
## Wynn, Newell, Newton PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs		Turn Around Time (please note):	╀	Date	Simular by:	- 1		\	Signed:
Newcll, Newton PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs	8/6/08		₽	1		Time	Date	`	Relinquished by
Name	Last revised			T	Adlas has	(v) VOC V	(p) Plastic	i) Amber, (g) Glass.	Container type: (:
Analysis Requestred PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs Ryan Stub	-		×	×			3	CI CARNO CAR	Preservative: (a)
Ryan Newcli, Newton PROJECT: Walter Coke Color Color	-		×	×	composite soil				
ROJECT: Walter Coke SAMPLER(S): Ryan Stubbs SAMPLER(S): Ryan Stubbs SAMPLED Ryan Stubbs Ryan	- -		×	×	composite soil	08:45	6/7/13	CVISSSB	THORT.
ROBECT: Walter Coke SAMPLER(S): Ryan Stubbs Ryan	- -	X	×	×	composite soil	08:10	6/7/13	CV0201A	するなり
Ryan Newcli,	-].		×	×	composite soil	13:55	6/6/13	CV0296A	11000
Real Collected Project Walter Coke SAMPLER(S): Ryan Stubbs Project Project Ryan Stubbs Project Project Project Ryan Stubbs Project Pro	-	×	х	×	GRAB	13:10	6/6/13	CV0346C	1404
PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs PROJECT: Walter Coke (print) Ryan Stubbs PROJECT: Ryan Stubbs PROJECT: Ryan Stubbs Ry	-		×	×	composite soil	12:50	6/6/13	CV0346A	10 P
TIME Collected Collected Collected Officing SAMPLE DESCRIPTION (matrix) 200226A 6/6/13 10:30 composite soil X X X X X X X X X X X X X X X X X X X	- -		×	X	composite soil	11:05	6/6/13	CV1244B	1403
are Wynn, Newell, Newton PROJECT: Walter Coke SAMPLER(S): Ryan Stubbs ANALYSIS REQUESTED / METHOD PROJECT: ANALYSIS REQUESTED / METHOD	-		×	х	composite soil	10:30	6/6/13	CV1135B	1000
ANALYSIS REQUESTED / METHOD TIME Collected Collected Collected 6/6/13 13:20	- -	X	X	×	composite soil	10:00	6/6/13	CVII34A	2 100
AVALYSIS REQUESTED / METHOD TIME Collected Collected Collected Collected SAMPLE DESCRIPTION (matrix) VO143A 6/5/13 13:20 Composite soil X X X SAMPLE Coke (print) ANALYSIS REQUESTED / METHOD ANALYSIS REQUESTED / METHOD ANALYSIS REQUESTED / METHOD ANALYSIS REQUESTED / METHOD	-		Х	×	composite soil	9:00	6/6/13	CVUZZ6A	1000
are Wynn, Newell, Newton PROJECT: Walter Coke (print) ANALYSIS REQUESTED / METHOD TIME Collected Collected Collected SAMPLE DESCRIPTION (marrix) PROJECT: Walter Coke SAMPLER(S): ANALYSIS REQUESTED / METHOD	1		Х	×	composite soil	13:20	6/5/13	CV0143A	1400
are Wynn, Newell, Newton PROJECT: Walter Coke (print) ANALYSIS REQUESTED / METHOD SAMPLER(S): Ryan Stubbs	Number of sample	РАН	Lead	Arsen	SAMPLE DESCRIPTION (matrix)	1	Collected	FIELD ID	LAB.ID
are Wynn, Newell, Newton PROJECT: Walter Coke (print) ANALYSIS REQUESTED / METHOD				ic				RED:	DATE DELIVI
Hare Wynn, Newell, Newton PROJECT: Walter Coke SAMPLER(S):				T					
Hare Wynn, Newell, Newton PROJECT: Walter Coke SAMPLER(S):							Section of		
			e	r Coke		lewton	Newell, N	Hare Wynn,	CLIEN I:

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 17, 2013	····
Attention:	Ms. Jymalyn Redmond	Reference #	28904 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water		Analytical				
Method:	EPA Metho	od 8270C	Analyst:	•	Hageman/C	штепсе	
POLYNUCLEAR AROMATIC HYDROCARBONS							
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01787	0.001	6/12/13	1205	0.020	89%	70-130
Acenaphthylene	0.01679	0.001	6/12/13	1205	0.020	84%	70-130
Anthracene	0.01858	0.001	6/12/13	1205	0.020	93%	70-130
Benzo(a)anthracene	0.02316	0.001	6/12/13	1205	0.020	116%	70-130
Benzo(b)fluoranthene	0.01961	0.0001	6/12/13	1205	0.020	98%	70-130
Benzo(k)fluoranthene	0.02061	0.0001	6/12/13	1205	0.020	103%	70-130
Benzo(ghi)perylene	0.01631	0.0005	6/12/13	1205	0.020	82%	70-130
Benzo(a)pyrene	0.01992	0.0001	6/12/13	1205	0.020	100%	70-130
Chrysene	0.01838	0.0005	6/12/13	1205	0.020	92%	70-130
Dibenzo(ah)anthracene	0.01597	0.001	6/12/13	1205	0.020	80%	70-130
Fluoranthene	0.02073	0.001	6/12/13	1205	0.020	104%	70-130
Fluorene	0.01860	0.001	6/12/13	1205	0.020	93%	70-130
Indeno(1,2,3-cd)pyrene	0.01566	0.001	6/12/13	1205	0.020	78%	70-130
Naphthalene	0.01493	0.001	6/12/13	1205	0.020	75%	70-130
Phenanthrene	0.01801	0.001	6/12/13	1205	0.020	90%	70-130
Pyrene	0.02052	0.0005	6/12/13	1205	0.020	103%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

ADEM # 41470

EPA Laboratory ID AL01084

/ QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dorge

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 17, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28904 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	6/7/13	Analyst:	M. Hageman
Date Collected:	6/3-7/13	Date Analysis:	6/14/13
Sample Collector:	R. Stubbs	Method:	EPA Method 6010B

	I	METAI	LLIC A	NALY'	res		
			LAB ID				
	LABID		144233MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	TDC	IPC	IPC %	
as Total	Blank	144233MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.005	0.081	94%	0.202	0.200	101%	
QC Matrix:	water		Analytical				
Date Received:	6/7/13	•	Analyst:		M. Hageman	i	
Date Collected:	6/3-7/13		Date Analysis	::	6/14/13		
Sample Collector:	R. Stubbs		Method:		EPA Method	t 6010B	

	I	META	LLIC A	NALYI	TES .		
			LAB ID				
	LAB ID		144244MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	144244MS	Recovery %	IPC	Conc.	Recovery	
Arsenic	0.004	0.275	110%	0.222	0.200	111%	

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

EPA Laboratory ID AL01084

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	June 17, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28904 OC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water	Analytical	
Date Received:	6/7/13	Analyst:	M. Hageman
Date Collected:	6/3-7/13	Date Analysis:	6/14/13
Sample Collector:	R. Stubbs	Method:	EPA Method 6010B

	I	META	LLIC A	NALY	TES		
			LAB ID				
	LABID		144233MS	LAB ID	LAB ID	LAB ID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	144233MS	Recovery %	irc	Conc.	Recovery	
Lead	BDL	0.513	NA*	0.208	0.200	104%	
QC Matrix:	water		Analytical				
Date Received:	6/7/13	•	Analyst:	•	M. Hageman	I	
Date Collected:	6/3-7/13		Date Analysis	:	6/14/13		
Sample Collector:	R. Stubbs		Method:		EPA Method	l 6010B	

	1	META	LLIC A	NALYT	ES		
			LAB ID				
	LAB ID		144244MS	LAB ID	LAB ID	LABID	
Analyte, mg/L	Reagent	LAB ID	Spike	IPC	IPC	IPC %	
as Total	Blank	144244MS	Recovery %	ire	Conc.	Recovery	
Lead	BDL	0.428	NA*	0.213	0.200	107%	

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.
2515 5th Avenue South
B'HAM, AI 35233

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND RE
Name/Co.:

SEND REPORT TO:

Jymalyn Redmond

289U

Signed: Work Signed: Relinquished by: Relinquished by Sampler: E-Mail: suthlab@bellsouth.net B'HAM, AL 35233 Relinquished by: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Preservative: (a)HCL, (b)HNO₃, (c)H₂SO₄, (d)NaOH, (c)Zn Acetate DATE DELIVERED: CLIENT: PHONE (205)581-9500 FAX (205)581-9504 名言の 4014 AUIA 449 4400 44508 A105 4433 441007 LAB ID CV0764B FM0148A FM0197A CV0730A CV0801A CV0719A CV0564A CV0233A CV1341A CV0782B CV1118B CV0482A FIELDID Hare, Wynn, Newell, Newton 6/20/13 6/19/13 6/18/13 6/2/13/0: 36 Signal Doma Downe 6/20/13 10:20 6/20/13 6/18/13 6/17/13 6/19/13 6/17/13 6/19/13 6/19/13 6/18/13 Collected Collected Date DATE Date 13:40 9:20 14:30 10:30 14:45 13:"45 9:00 13:50 9:20 13:25 14:20 TIME Time Time Received in Laboratory by: Received by: Received by: Signed: PROJECT: SAMPLE DESCRIPTION (matrix) Client P.O. # composite soil E11105 Preservative: Walter Coke, Inc Container: Date Date Date × × × × × × × × × × × Arsenic × Phone# / Cell#: PDF Results: 1334 E-mail: Time Address: Time Time ≥ PAH's × × Turn Around Time (please note):
Standard X *RI

*S-Day *2-Day Invoice # (LAB use only) Remarks: SAMPLER(S): ANALYSIS REQUESTED / METHOD × × × yes × × × × × × × Lead × × on 4659 Huffman Road Grady, AL 36036 <u>ymalyn,redmond@gmcnetwork.com</u> 334-562-9195 or 590-7010 *RUSH, mark below *Next Day Jerry Partap *Same Day of sample Number containe Last revised 8/6/08

Environmental Company, Inc. 2515 5th Avenue South

B'HAM, AL 35233

PHONE (205)581-9500 FAX (205)581-9504

CHAIN OF CUSTODY ANALYSIS REQUEST

Name/Co.:

SEND REPORT TO:

Jymalyn Redmond 4659 Huffman Road Grady, AL 36036

Address:

Substitute Chient P.O. # Ellio Delication Delic		Invoice # (LAB use only): 38907			Signed:				e groot
PROJECT: Walter Coke, Inc	Sport Color	Refrigerated apon receipt: (yes) no		Date	Received in Laboratory by:		Date	7.	kelinquished by
Client P.O. # E11105 E-mail:					Signed:				
E11105 PDF Results Yes No Fax #: Yes			Time	Date		Time	Date	7.	igned:
E-mail:		*3-Day *2-Day *Next Day	1336	121/13	NOWY WOUNTY		010 B	K	Mond
E-mail:		Standard X		7	Signed ()	12:5	Chala	Mario	1/1/2
E-mail:			Ц	Date	Received by:	Time	Date	\samplet;	Signard:
E	8/6/08					(v) VOC	(p) Plastic	(a) Amber, (g) Glass,	Citaties sylve.
T.: Walter Coke, Inc Sample Sample	Last revised					aOH, (e)Zr	₂ SO ₄ , (d)N	HCL, (b)HNO3, (c)H	Container III.
Client P.O. # E11105 E-mail:	_	Х		×	composite soil				
Client P.O. # E11105 E-mail:		X		×	composite soil			1	
Client P.O. # E11105 E-mail:		x		×	composite soil				
Client P.O. # E11105 E-mail:	_	X		X	composite soil				
Client P.O. # E11105 E-mail:		х		×	composite soil				
Client P.O. # E11105 E-mail:	_	×		×	composite soil				
Client P.O. # E11105 E-mail:		X		X	composite soil				
Client P.O. # E11105 E-mail:	_	х		×	composite soil				1
Client P.O. # E11105 E-mail:	la-ed.	X		×	composite soil				
Client P.O. # E11105 E-mail:	_	х		×	composite soil			1	
Client P.O. # E11105 E-mail:	_	Х		×	composite soil				
Wynn, Newell, Newton Client P.O. # E11105 E-mail:	_	X		×	composite soil	1	6/17/13	CV0/84B	THU!
Client P.O. # E11105 PDF Results: yes no Wynn, Newell, PROJECT: Walter Coke, Inc	Number of sample containers	Lead	PAH's	Arsenio	SAMPLE DESCRIPTION (matrix)	TIME	DATE Collected	ETELD ID	LABID
Wynn, Newell, PROJECT: Walter Coke, Inc E-mail: Vma PDF Results: yes no				:				ERED:	DATE DELIV
Client P.O. # E11105 PDF Results: yes no Wynn, Newell, PROJECT: Walter Coke, Inc (print)		ANALYSIS REQUESTED / METHOD							
Client P.O.# E11105 E-mail: Wma				oke, In			m, New	Hare, Wy Ne	LIENT:
Client P.O. # E11105 E-mail: wma	1000							1 . J. J. 18 . 31 . 31	
1		ves no	E-mail:)F Results:	Þ					
			1					@bellsouth.nct	E-Mail: suthlat

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	July 2, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28967 QC
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

QC Matrix:	water		Analytical				
Method:	EPA Metho	od 8270C	Analyst:	-	Hageman/C	urrence	
POL	YNUCL	EAR AR	OMATI	C HYDI	ROCARI	BONS	
	LAB ID	Method			LAB ID		
Polynuclear	Continued	Detection	Analysis	Analysis	Standard	%	Target
Aromatics, ppm	Calibration	Limit, ppm	Date	Time	Calibration	Recovery	Range (%)
Acenaphthene	0.01773	0.001	6/28/13	1635	0.020	89%	70-130
Acenaphthylene	0.01794	0.001	6/28/13	1635	0.020	90%	70-130
Anthracene	0.01823	0.001	6/28/13	1635	0.020	91%	70-130
Benzo(a)anthracene	0.02492	0.001	6/28/13	1635	0.020	125%	70-130
Benzo(b)fluoranthene	0.01974	0.0001	6/28/13	1635	0.020	99%	70-130
Benzo(k)fluoranthene	0.02260	0.0001	6/28/13	1635	0.020	113%	70-130
Benzo(ghi)perylene	0.01847	0.0005	6/28/13	1635	0.020	92%	70-130
Benzo(a)pyrene	0.02055	0.0001	6/28/13	1635	0.020	103%	70-130
Chrysene	0.01661	0.0005	6/28/13	1635	0.020	83%	70-130
Dibenzo(ah)anthracene	0.01778	0.001	6/28/13	1635	0.020	89%	70-130
Fluoranthene	0.02362	0.001	6/28/13	1635	0.020	118%	70-130
Fluorene	0.01761	0.001	6/28/13	1635	0.020	88%	70-130
Indeno(1,2,3-cd)pyrene	0.01787	0,001	6/28/13	1635	0.020	89%	70-130
Naphthalene	0.01502	0.001	6/28/13	1635	0.020	75%	70-130
Phenanthrene	0.01669	0.001	6/28/13	1635	0.020	83%	70-130
Ругепе	0.02399	0.0005	6/28/13	1635	0.020	120%	70-130

BDL = Below Detection Limit
All results expressed as PPM (mg/L)

/QAQC

ADEM # 41470

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	July 2, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28967 QC	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

QC Matrix:	water	Analytical	
Date Received:	6/21/13	Analyst:	Kevin Doriety
Date Collected:	6/17-20/13	Date Analysis:	7/2/13
Sample Collector:	J. Partap	Method:	EPA Method 6010B

3 ID gent		LAB ID 144617MS				
gent			LAB ID	LAB ID	LABID	
nk 1	LAB ID 44617MS	Spike Recovery %	IPC	IPC Conc.	IPC % Recovery	
)L	0.329	91%	0.207	0.200	104%	
0/13		Analyst: Date Analysis		7/2/13	у	
	3 0/13 ap	3 (0/13	0/13 Date Analysis	Analyst: Date Analysis:	3 Analyst: Kevin Doriet 70/13 Date Analysis: 7/2/13	Analytical 3 Analyst: Kevin Doriety 10/13 Date Analysis: 7/2/13

METALLIC ANALYTES									
			LAB ID						
	LAB ID		144617MS	LAB ID	LAB ID	LABID			
Analyte, mg/L	Reagent	LABID	Spike	VDC.	IPC	IPC %			
as Total	Blank	144617MS	Recovery %	IPC	Conc.	Recovery			
Lead	BDL	0.134	NA*	0.200	0.200	100%			

* Not Available due to high dilution

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dong

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 0 2012	
		•	May 9, 2013	
	Ms. Jymalyn Redmond	Reference #	28638	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	4/15-18/13	Analyst:	M. Hageman
Date Collected:	4/15-17/13	Date of Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

]	META	LLIC.	ANAL	YTES		
	FIELD ID CV0745B	FIELD ID FM0060A	FIELD ID FM0106B				
Analyte, mg/Kg	LABID	LABID	LABID	LAB ID	LAB ID	LABID	Detection
as Total	143033	143034	143035	143036	143037	143038	Limit,mg/Kg
Arsenic	5.6	4.2	5.9	5.3	9.6	6.8	1.0
Lead	162	160	97	56	192	173	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0423A	CV1013B	CV1225A	CV1066B	HP0311B	CV0516C	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LABID	Detection
as Total	143039	143040	143041	143042	143043	143044	Limit,mg/Kg
Arsenic	11.3	3.5	4.6	9.5	9.5	4.0	1.0
Lead	100	103	97	245	333	77	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID		
	HP0234B	FM0296A	FM0296C	HP0063A	HP0064B		
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID		Detection
as Total	143045	143046	143047	143048	143049		Limit,mg/Kg
Arsenic	7.1	BDL	1.2	6.3	2.9		1.0
Lead	277	77	421	98	97		1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

/ QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dorgo

2515 5th Avenue South

B'HAM, AL 35233

CHAIN OF CUSTODY

SEND REPORT TO:

#28638

ANALYSIS REQUEST

Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road

Grady, AL 36036

Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag
Relinquished by Sampler Date Time Received by: Relinquished by: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate PHONE (205)581-9500 FAX (205)581-9504 Relinquished by DATE DELIVERED: CLIENT E-Mail: suthlab@bellsouth.net 43035 M3034 H3038 143041 143037 143033 **43040** 43036 (43044 143043 143042 TAB ID CV0745B CV1225A CV1282A CV0516C HP0311B CV1066B FM0106B CV1013B CV0423A CV0313B CV1282C FM0060A Hare Wynn, Newell, Newton FIELD ID 4/16/13 Collected B1/1 8/19/10 4/17/13 14:00 4/17/13 15:10 4/16/13 11:30 4/16/13 10:45 4/16/13 4/16/13 15:00 4/16/13 09:55 4/16/13 09:30 4/15/13 4/15/13 4/15/13 Date Date DATE 13:45 14:00 15:35 15:15 14:25 Collected TIME Time Ime Signal Signed: Signed: Received in Laboratory by: Received by: SAMPLE DESCRIPTION (matrix) PROJECT: Client P.O. # composite soil E11105 Preservative: Container: Walter Coke 19/19/133 Date Dage Date × × × × × × × × × × × × Arsenic Phone# / Cell#: PDF Results: E-mail: Time Time Time × × × × × × × × × ∠ Lead × × Invoice # (LAB use only) SAMPLER(S): Standard V Turn Around Time (please note): PAGE 1 OF 2 ANALYSIS REQUESTED / METHOD PAH ž × × 멍 3.Day wnalyn.redmond@gmanetwork.com *2-Day Jymalyn Redmond, Ralph Norman 28638 34-590-7010 Fax #: *RUSH, mark below *Next Day *Same Day of sample containers Number Last revise 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28638	
Address:	4659 Huffman Rd.	P.O. #	E11105	
İ	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	4/23/13
Date Received:	4/19/13	Analyst:	Hageman/Currence
Date Collected:	4/16-18/13	Date of Analysis:	4/25/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 8270C

POL	YNUCL	EAR AR	OMATI	C HYDR	ROCARBONS	
	FIELD ID CV1282C	FIELD ID CV1013B	FIELD ID FM0296C	FIELD ID HP0064B		
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID		Detection
Aromatics, ppm	143037	143040	143047	143049		Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL		0.050
Acenaphthylene	BDL	BDL	BDL	BDL		0.050
Anthracene	0.057	0.059	BDL	BDL		0.050
Benzo(a)anthracene	0.327	0.845	BDL	0.053		0.050
Benzo(b)fluoranthene	0.422	1.970	BDL	0.075		0.050
Benzo(k)fluoranthene	0.326	1.100	BDL	0.063		0.050
Benzo(ghi)perylene	0.317	1.790	BDL	0.068		0.050
Benzo(a)pyrene	0.408	1.620	0.054	9.076		0.050
Chrysene	0.411	1.250	0.062	0.077		0.050
Dibenzo(ah)anthracene	0.072	0.555	BDL	BDL		0.050
Fluoranthene	0.545	0.985	0.074	0.093		0.050
Fluorene	BDL	BDL	BDL	BDL		0.050
Indeno(1,2,3-cd)pyrene	0.261	1.470	BDL	0.052		0.050
Naphthalene	0.121	0.094	0.113	BDL		0.050
Phenanthrene	0.278	0.435	0.108	0.078		0.050
Pyrene	0.488	0.885	0.064	0.083		0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc. 2515 5th Avenue South

CHAIN OF CUSTODY ANALYSIS REQUEST

Name/Co.:

Jymalyn Redmond/ Goodwyn, Mills, Cawood

4659 Huffman Road

Address:

SEND REPORT TO:

Sutherland

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	November 30, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27777	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	11/16/12	Analyst:	Kevin Doriety
Date Collected:	11/14-15/12	Date of Analysis:	11/28/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	N	META	LLIC A	ANAL	YTES		
	FIELD ID FM0263B	FIELD ID FM0126B	FIELD ID FM0130A	FIELD ID FM0135B	FIELD ID FM0279A	FIELD ID FM0265B	
Analyte, mg/Kg as Total	LAB ID 139197	LAB ID 139198	LAB ID 139199	LAB ID 139200	LAB ID 139201	LAB ID 139202	Detection Limit,mg/Kg
Arsenic	6.1	4.2	3.1	12	12	2.6	1.0
Lead	83	80	44	132	62	415	1.0
	FIELD ID FM0035B	FIELD ID FM0088A					
Analyte, mg/Kg	LAB ID	LAB ID					Detection
as Total	139203	139204					Limit,mg/Kg
Arsenic	1.5	2.9					1.0
Lead	32	95					1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

/ QAQC
EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dong

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	November 30, 2012
	Ms. Jymalyn Redmond	Reference #	2 7 777
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date:	11/20/12	
Date Received:	11/16/12	Analyst:	Hageman/Currence	
Date Collected:	11/15/12	Date of Analysis:	11/21/12	
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D	

POL	YNUCLI	EAR AI	ROMATI	C HYDF	ROCARE	BONS_	
	FELD ID						
	FM0088A						
Polynuclear	LAB ID						Detection
Aromatics, ppm	139204						Limit, ppm
Acenaphthene	BDL						0.050
Acenaphthylene	BDL						0.050
Anthracene	BDL						0.050
Benzo(a)anthracene	0.077						0.050
Benzo(b)fluoranthene	0.080						0.050
Benzo(k)fluoranthene	0.091						0.050
Benzo(ghi)perylene	BDL						0.050
Benzo(a)pyrene	0.081						0.050
Chrysene	0.131						0.050
Dibenzo(ah)anthracene	BDL						0.050
Fluoranthene	0.141						0.050
Fluorene	BDL						0.050
Indeno(1,2,3-cd)pyrene	BDL						0.050
Naphthalene	0.051						0.050
Phenanthrene	0.194						0.050
Pyrene	0.121						0.050

BDL = Below Detection Limit Detection limit is Practical Quantitation Limit All results expressed as PPM (mg/kg)

///N_/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety

Analytical Chemist

4659 Huffman Road

Grady, AL 36036

34-590-7010

Fax #:

Jymalyn Redmond, Ralph Norman

of sample containers Number

2515 5th Avenue South Signed: B'HAM, AL 35233 Signed: Signed: All More Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag
Relinquished by Sampler:

Date Time Received by: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 Environmental Company, Inc. Relinquished by: Relinquished by: Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acctate DATE DELIVERED: CLIENT: 139305 139304 3930 LABID FM0269B FM0297A Hare Wynn, Newell, Newton FM0131B FIELD ID 11/20 11/19 2:10pm 11/19 3:05pm Collected Collected 11/20 | 9:15am DATE Date Date 1:35 TIME Time Time Received by: Signed: - Significance Signed: PROJECT: Received in Laboratory by: SAMPLE DESCRIPTION (matrix) Client P.O. # ANALYSIS REQUEST CHAIN OF CUSTODY composite soil composite soil composite soil E11105 Preservative: Container: Walter Coke Date Date 201 Date Arsenic × × × Phone# / Cell#: PDF Results: 141/47 Name/Co.: SEND REPORT TO: Address: E-mail: Time Time Time × × × Lead SAMPLER(S): Remarks: Relingerated upon receipt: (Jed) Standard Turn Around Time (please note): Invoice # (LAB use only): ANALYSIS REQUESTED / METHOD yes PAH Jymalyn Redmond/ Goodwyn, Mills, Cawood 8 *3-Day ymalyn,redmond@gmcnetwork.com

*2-Day

*Next Day

*Same Day

00

*RUSH, mark below

Last revised 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	November 30, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27801	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	11/20/12	Analyst:	Kevin Doriety
Date Collected:	11/19-20/12	Date of Analysis:	11/28/12
Sample Collector:	J.R./ R.N.	Method:	SW846 6010B

	7	META	LLIC A	ANALY	YTES	
	FIELD ID	FIELD ID	FIELD ID			
	FM0131B	FM0297A	FM0269B			
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID			Detection
as Total	139304	139305	139306			Limit,mg/Kg
Arsenic	21	3.3	4.5			1.0
Lead	26	38	82			1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MAN / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kain Dorge

2515 5th Avenue South Environmental Company, Inc.

PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233

E-Mail: suthlab@bellsouth.net

Client P.O. #

E11105

lymalyn.redmond@gmcnetwork.com

E-mail:

Phone# / Cell#:

CHAIN OF CUSTODY ANALYSIS REQUEST

SEND REPORT TO:

27830

Name/Co.: Address: Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road Grady, AL 36036 34-590-7010

				PDF	PDF Results:	yes.	В	Fax #:	
CLIENT: Hare Wynn, Newell, Newton	Newell, Ne	wton	PROJECT: Walter Coke	Coke	111111111111111111111111111111111111111	SAMPLER(S)	R(S):	Jymalyn Redmond, Ralph Norman	man
						ANALY	SIS REQUE	ANALYSIS REQUESTED / METHOD	
DATE DELIVERED:									
	DATE	JAP		enic	d	ť			Number
LAB ID FIELD ID	<u>-</u>	ollected	SAMPLE DESCRIPTION (matrix)	Arsc	Lead	РАН			of sample
139437 CV0272B	11/27	12;53	composite soil	×	×				-
139438 CV0267B	11/27	14;45	composite soil	×	×				
				X	*				
139439 CV0099B	11/08	10;29	composite soil	×	×				
11			composite soil	*	*				_
130440 CV0323B	11/28	13;09	composite soil	×	×				
13044 CV0326B	36/1/	14;09	composite soil	×	×				1-1
				*	*				
1	11/26	2.35	composite soil	Х	×				-
A	1/24	1:30	composite soil	Х	×				
13444 CV0249A	11/26	3:22	composite soil	Х	×				
130445) CV0293A	111/28	9;05	composite soil	Х	×				-
Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	H ₂ SO ₄ , (d)Nac	OH, (e)Zı	n Acetate Preservative:	ice	jœ.				Last revised
Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	s, (p) Plastic, (V) VOC	Vial, (t) Tedlar bag Container:	EQ.					8/6/08
Signed of Sample	11/201	i Ime	Signed:	Date	Time	Turn Are Standard	und Time (Turn Around Time (please note): Standard **RUSH, mark below	
10		بر					*3-Day	*2-Day *Next Day *Same Day	
Relinquished by: Signed:	Date	Time	Received by: Signed:	Date	Time	Remarks:			
Relinquished by:	Date	Time	Received in Laboratory by:	Date	Time	Refrigerate	Refrigerated upon receipt.		
on Business			Signed: Jaban M. Mally	11/29/12	12:45	Invoice#	Invoice # (LAB use only)	¹ V 27830	

TATHER POST Signed: House Relinquished by: Signed: 1004A 1004A 1004A 1 CLIENT: 2515 5th Avenue South Relinquished by Sampler Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 Environmental Company, Inc. Sutherland Relinquished by: DATE DELIVERED: 33440 Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tediar bap LAB ED CV0474A CV0327B CV0559B CV0475B Hare Wynn, Newell, Newton FIELD ID 11/29 Collected Collected DATE Date Date Date 12:45 13;28 11:11 9.53 9:23 TIME Time Time Time Signed: Received by: Signed: SAMPLE DESCRIPTION (matrix) PROJECT Received in Laboratory by: Received by: Client P.O. # ANALYSIS REQUEST CHAIN OF CUSTODY composite soil E11105 Preservative: Container: Walter Coke 11/29/12 1245 Date Date Date \times × × \times Arsenic Phone# / Cell# PDF Results: Name/Co.: SEND REPORT TO: Address: Time Time Time E-mail: × × × × Lead SAMPLER(S): Refrigerated upon receipt: / Invoice # (LAB use only) Turn Around Time (please note): Standard ANALYSIS REQUESTED / METHOD Ϋ́g × PAH Jymalyn Redmond/ Goodwyn, Mills, Cawood Б *3-Day <u>ymalyn.redmond@gmcnetwork.com</u> *2-Day 4659 Huffman Road ý Grady, AL 36036 Jymalyn Redmond, Ralph Norman 34-590-7010 Fax #: *RUSH, mark below *Next Day *Same Day containers of sample Number Last revised

8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 3, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27830
Address:	4659 Huffman Rd.	P.O. #	E11105
<u> </u>	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	11/29/12	Analyst:	Kevin Doriety
Date Collected:	11/26 - 28/12	Date of Analysis:	12/3/12
Sample Collector:	J.R./ R.N.	Method:	SW846 6010B

	1	META	LLIC	ANAL	YTES		
	FIELD ID						
	CV0272B	CV0267B	CV0099B	CV0323B	CV0326B	CV0165B	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139437	139438	139439	139440	139441	139442	Limit,mg/Kg
Arsenic	7.3	5.5	11	8.1	5.6	9.0	1.0
Lead	88	72	322	334	104	136	1.0
	FIELD ID						
	CV0164A	CV0249A	CV0293A	CV0327B	CV0475B	CV0474A	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139443	139444	139445	139446	139447	139448	Limit,mg/Kg
Arsenic	5.5	15	7.1	8.3	5.2	20	1.0
Lead	101	652	113	154	81	203	1.0
	FIELD ID						
	CV0559B						
Analyte, mg/Kg	LAB ID						Detection
as Total	139449						Limit,mg/Kg
Arsenic	4.3						1.0
Lead	280						1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Method Detection Limit
All results expressed as PPM mg/Kg of total analyte

MX / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dougt

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 3, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27830	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	11/30/12
Date Received:	11/29/12	Analyst:	Hageman/Currence
Date Collected:	11/26 - 28/12	Date of Analysis:	12/1/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D

POL	POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID	FIELD ID						
	CV0327B	CV0559B						
Polynuclear	LAB ID	LAB ID					Detection	
Aromatics, ppm	139446	139449					Limit, ppm	
Acenaphthene	BDL.	BDL					0.050	
Acenaphthylene	BDL	BDL					0.050	
Anthracene	BDL	BDL					0.050	
Benzo(a)anthracene	0.380	BDL					0.050	
Benzo(b)fluoranthene	0.770	0.064					0.050	
Benzo(k)fluoranthene	0.535	0.083					0.050	
Benzo(ghi)perylene	0.550	0.072					0.050	
Benzo(a)pyrene	0.155	0.073					0.050	
Chrysene	0.455	0.065					0.050	
Dibenzo(ah)anthracene	0.180	BDL					0.050	
Fluoranthene	0.465	0.065					0.050	
Fluorene	BDL	BDL.					0.050	
Indeno(1,2,3-cd)pyrene	0.445	0.051					0.050	
Naphthalene	BDL	BDL					0.050	
Phenanthrene	0.175	BDL					0.050	
Pyrene	0.405	0.065					0.050	

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MK / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety

Analytical Chemist

Sutherland Environmental Read and Review Checklist

			Initial 1	Initial 2
1. Is the client and on report?	d sample collector(s)	NO NO	must	ICH
2. Is the date colle on report?	ected and date receiv	red accurately noted NO		
3. Is the purchase noted on report		roject ID accurately NO		
4. Is the method co	Orrect on report?	NO		
5. Does the Field I chain of custody		(s) correspond to the		
		eport correspond to the tical instrumentation:		
Sample Matrix		NO		
Analyst	YES	NO		-
Analysis Date/Tim	e YE	NO		
Analyte concentration	XES Y	NO	-	
Units	YES	NO		
Dílution Factor	YRS V	NO		
Detection Limit	XXS	NO		ICH
QC Reviewed:)XES)		M	
Notes / Misc.				
PDF: J. Edmon	<u> </u>	Invoice #	27830	

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 11 29 12	Invoice #	27	830	
Method of Delivery: Hand	Client:	_Gn	71C	
1. Did any containers arrive broken?		YES	_ x6	
* If so, please state field ID with analysis of broken sample	e(s)		· / / / / / / / / / / / / / / / / / / /	
2. Were cooler(s) sealed upon arrival?		yes_	NO	NA
3. Were the samples received at the proper teamperature (4°C	+/- 2°C)?	yes	NO	NA
4. Did a chain of custody accompany the samples?		yes	NO	
* Was it properly filled out?	[χ€s	NO	
5. Were correct containers used for the analysis requested?	[YES	NO	
6. Were all containers properly preserved?	[YES	NO	₩Ā
7. Were all water samples received at the proper pH?	[YES	NO	NA
8. If VOA vials were present, was there any head space?	[YES	NO	N/X
* If so, please state field ID of deficient sample(s):				
9. Were all containers properly labeled and match chain of cu	stody? [YES	M	
10. Did containers arrive within holding time of analysis?	[YES	NO	
* If not, please state field ID and analysis of sample(s) out			anno anno anglesia et a sa alambia	
	_			
11. Was client informed of any/all deficiencies in sample chec	:k-in?	yæs	МО	NA
12. Were any samples rejected?	[YES	ХO	
* If so, please state field ID of rejected sample(s):				

Sample Custodian (signed):

Jasha MAlly

21837

Signed: Signed: Signed Preservative: (a)HCL, (b)HNO₃, (c)H₂SO₄, (d)NaOH, (e)Zn Acetate Relinquished by: Relinquished by: Container type: (a) Amber, (g) Glass, (p) Plastic, (y) VOC Vial, (t) Tedlar bag
Relinquished by Sampler: Date Time Received by: E-Mail: suthlab@bellsouth.net DATE DELIVERED: CLIENT: PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 2515 5th Avenue South Environmental Company, Inc. 12001 3343 39494 Object: LABID CVD263B CV0588 B CV0665 A HP0237 B Hare Wynn, Newell, Newton FIELD ID 1/27 11/29 | 3:34pm Collected Collected 11/29 4:18pm 11/29 | 1:57pm DATE Date Date 15:12/2 Mas TIME Time lime Signed: Signed: Received in Laboratory by Received by: Received by: SAMPLE DESCRIPTION (matrix) PROJECT: Client P.O. # ANALYSIS REQUEST Comp. composite soil composite soil composite soil Sas E11105 Preservative: Container: Walter Coke l"Boliz" Date Date Date × × × Arsenic Phone# / Cell#: PDF Results: 1:25 Address: E-mail: Time Time Time Lead × × × Raftigerated upon specipi: (yes) Remarks Standard SAMPLER(S): invoice # (LAB use only). (print)
ANALYSIS REQUESTED / METHOD Turn Around Time (please note): PAH Š Jymalyn Redmond/ Goodwyn, Mills, Cawood o *3-Day iymalyn.redmond@gmcnetwork.com *2-Day 4659 Huffman Road Grady, AL 36036 Jymalyn Redmond, Ralph Norman 34-590-7010 Fax #: *RUSH, mark below ПO *Next Day *Same Day of sample containers Last revised Number 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 11, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27837
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	11/30/12	Analyst:	Kevin Doriety
Date Collected:	11/27 & 29/12	Date of Analysis:	12/10/12
Sample Collector:	J.R./ R.N.	Method:	EPA 6010B

	1	META	LLIC	ANAL	YTES	
				FIELD ID		
	CV0588 B	HP0237 B	CV0665 A	CV0263 B		
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID		Detection
as Total	139494	139495	139496	139497		Limit,mg/Kg
Arsenic	4.9	18	10	3.3		1.0
Lead	100	575	147	119		1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MW/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Donat

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



			12.4030
Client:	Goodwyn, Mills & Cawood	Report Date:	December 12, 2012
	Ms. Jymalyn Redmond	Reference #	27876
1	4659 Huffman Rd.	PO #	E11105
Address:		Project ID:	Walter Coke
1	Grady, AL 36036	1 roject 12:	

Sample Matrix:	soil	Analytical	
Date Received:	12/6/12	Analyst:	Kevin Doriety
Date Collected:	12/4-5/12	Date of Analysis:	12/10/12
Sample Collector:	J.R./ R.N.	Method:	SW846 6010B

	ľ	META]	LLIC A	ANAL	YTES		
	FIELD ID						
	CV0707B	CV0526C	CV0526D	CV0330A	CV0157C	FM0025C	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139676	139677	139678	139679	139680	139681	Limit,mg/Kg
Arsenic	6.1	9.9	6.1	15	5.8	3.8	1.0
Lead	240	69	102	193	101	75	1.0
	FIELD ID	FIELD ID	FIELD ID				
	FM0311A	FM0080C	CV0442B				
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID				Detection
as Total	139682	139683	139684				Limit,mg/Kg
Arsenic	4.0	1.1	3.9				1.0
Lead	44	140	97				1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MT /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 12, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27876	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	12/10-11/12
Date Received:	12/6/12	Analyst:	Hageman/Currence
Date Collected:	12/4-5/12	Date of Analysis:	12/11/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D

POL	POLYNUCLEAR AROMATIC HYDROCARBONS						
	FIELD ID	FIELD ID	FIELD ID				
	CV0707B	CV0526C	CV0442B				
Polynuclear	LAB ID	LAB ID	LAB ID				Detection
Aromatics, ppm	139676	139677	139684				Limit, ppm
Acenaphthene	BDL	0.055	BDL				0.050
Acenaphthylene	BDL	BDL	BDL				0.050
Anthracene	0.090	0.085	BDL				0.050
Benzo(a)anthracene	0.250	0.415	0.080				0.050
Benzo(b)fluoranthene	0.335	0.645	0.110				0.050
Benzo(k)fluoranthene	0.210	0.270	0.075				0.050
Benzo(ghi)perylene	0.155	0.235	0.060				0.050
Benzo(a)pyrene	0.240	0.425	0.090				0.050
Chrysene	0.345	0.720	0.125				0.050
Dibenzo(ah)anthracene	0.055	0.105	BDL				0.050
Fluoranthene	0.500	0.635	0.195				0.050
Fluorene	BDL	0.060	BDL				0.050
Indeno(1,2,3-cd)pyrene	0.135	0.235	BDL				0.050
Naphthalene	0.140	0.990	0.155				0.050
Phenanthrene	0.465	0.600	0.180				0.050
Pyrene	0.410	0.495	0.120				0.050

BDL = Below Detection Limit Detection limit is Practical Quantitation Limit All results expressed as PPM (mg/kg)

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27884	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	12/7/12	Analyst:	Kevin Doriety
Date Collected:	12/3 - 6/12	Date of Analysis:	12/11-12/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 6010B

	ľ	META	LLIC A	NALY	TES		
	FIELD ID						
	HP0108C	HP0108D	HP0196A	HP0070A	CV0641A	HP0276A	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139702	139703	139704	139705	139706	139707	Limit,mg/Kg
Arsenic	14	25	7.5	15	15	18	1.0
Lead	351	201	656	164	148	109	1.0
	FIELD ID						
	HP0286B	HP0012A	HP0067A	HP0022B	CV0640A	HP0095B	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139708	139709	139710	139711	139712	139713	Limit,mg/Kg
Arsenic	16	4.0	13	12	24	13	1.0
Lead	225	109	195	91	168	85	1.0
	FIELD ID	FIELD ID	FIELD ID				
	CV0560B	CV0251A	CV0077B				
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID				Detection
as Total	139714	139715	139716				Limit,mg/Kg
Arsenic	7.0	12	6.1				1.0
Lead	273	584	402				1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

///XJ/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27884	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	12/13/12
Date Received:	12/7/12	Analyst:	Hageman/Currence
Date Collected:	12/3 - 6/12	Date of Analysis:	12/14/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D

POL	POLYNUCLEAR AROMATIC HYDROCARBONS								
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	HP0108D	HP0070A	CV0641A	HP0286B	HP0012A	CV0640A			
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection		
Aromatics, ppm	139703	139705	139706	139708	139709	139712	Limit, ppm		
Acenaphthene	BDL	BDL	BDL	0.051	BDL	BDL	0.050		
Acenaphthylene	BDL	BDL	BDL	0.056	BDL	0.055	0.050		
Anthracene	BDL	BDL	0.065	0.190	BDL	0.075	0.050		
Benzo(a)anthracene	0.187	BDL	0.288	0.535	0.087	0.276	0.050		
Benzo(b)fluoranthene	0.211	BDL	0.428	0.645	0.116	0.515	0.050		
Benzo(k)fluoranthene	0.195	BDL	0.288	9.605	0.115	0.362	0.050		
Benzo(ghi)perylene	0.134	0.053	0.218	0.510	0.070	0.242	0.050		
Benzo(a)pyrene	0.203	0.051	0.296	0.685	0.109	0.296	0.050		
Chrysene	0.235	0.053	0.370	0.610	0.136	0.407	0.050		
Dibenzo(ah)anthracene	BDL	BDL	BDL	BDL	BDL	BDL	0.050		
Fluoranthene	0.330	0.072	0.499	0.970	0.163	0.415	0.050		
Fluorene	BDL	BDL	BDL	0.061	BDL	BDL	0,050		
Indeno(1,2,3-cd)pyrene	0.108	BDL	0.172	0.417	0.060	0.226	0.050		
Naphthalene	0.079	BDL	0.116	0.132	0.093	0.163	0.050		
Phenanthrene	0.205	0.071	0.355	0.765	0.149	0.398	0.050		
Pyrene	0.273	0.068	0.404	0.755	0.134	0.382	0.050		

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 17, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27884	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	12/13/12
Date Received:	12/7/12	Analyst:	Hageman/Currence
Date Collected:	12/3 - 6/12	Date of Analysis:	12/14/12
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D

POL	POLYNUCLEAR AROMATIC HYDROCARBONS						
	FIELD ID						
	CV0251A						
Polynuclear	LAB ID						Detection
Aromatics, ppm	139715						Limit, ppm
Acenaphthene	BDL						0.050
Acenaphthylene	0.174						0.050
Anthracene	0.191						0.050
Benzo(a)anthracene	1.200						0.050
Benzo(b)fluoranthene	1.410						0.050
Benzo(k)fluoranthene	1.170						0.050
Benzo(ghi)perylene	1.040						0.050
Benzo(a)pyrene	1.330						0.050
Chrysene	1.300						0.050
Dibenzo(ah)anthracene	BDL						0.050
Fluoranthene	2.210						0.050
Fluorene	BDL						0.050
Indeno(1,2,3-cd)pyrene	0.860						0.050
Naphthalene	0.140						0.050
Phenanthrene	0.950						0.050
Ругепе	1.920						0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

EPA Laboratory ID AL01084

nH /QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

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Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 18, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27914	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	12/12/12	Analyst:	Kevin Doriety
Date Collected:	12/11-12/12	Date of Analysis:	12/18/12
Sample Collector:	J.R./ R.N.	Method:	SW846 6010B

	Ŋ	META	LLIC A	NALY	TES		
	FIELD ID						
	HP0195C	HP0128B	HP0141A	HP0103B	HP0107A	HP0262A	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139818	139819	139820	139821	139822	139823	Limit,mg/Kg
Arsenic	5.8	4.1	11	17	17	8.0	1.0
Lead	1,290	128	122	122	100	71	1.0
	FIELD ID						
	HP0179A	HP0306B	CV0446B	HP0294A	CV0223A	HP0421C	
Analyte, mg/Kg	LAB ID	Detection					
as Total	139824	139825	139826	139827	139828	139829	Limit,mg/Kg
Arsenic	11	7.7	7.0	8.4	9.3	3.7	1.0
Lead	164	114	179	97	297	367	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	CV0507B	CV0109A	CV0703A	CV0705B			
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID			Detection
as Total	139830	139831	139832	139833			Limit,mg/Kg
Arsenic	6.3	7.1	BDL	11			1.0
Lead	294	169	120	91			1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

hild /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 18, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27914	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	12/14/12	
Date Received:	12/12/12	Analyst:	Hageman/Currence	
Date Collected:	12/11-12/12	Date of Analysis:	12/14-15/12	
Sample Collector:	J.R./ R.N.	Method:	EPA Method 8270D	

POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARB	ONS	
	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	HP0195C	HP0141A	HP0306B	CV0705B			
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID			Detection
Aromatics, ppm	139818	139820	139825	139833			Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL			0.050
Acenaphthylene	BDL	BDL	BDL	BDL			0.050
Anthracene	BDL	BDL	BDL	BDL			0.050
Benzo(a)anthracene	0.124	0.065	0.107	0.133			0.050
Benzo(b)fluoranthene	0.323	0.094	0.107	6.146			0.050
Benzo(k)fluoranthene	0.157	0.083	9.112	0.119			0.050
Benzo(ghi)perylene	0.189	0.064	0.076	0.088			0.050
Benzo(a)pyrene	0.210	0.078	0.126	0.140			0.050
Chrysene	0.193	0.107	0.132	0.153			0.050
Dibenzo(ah)anthracene	BDL	BDL	BDL	BDL			0.050
Fluoranthene	0.179	0.120	0.224	0.176			0.050
Fluorene	BDL	BDL	BDL	BDL			0.050
Indeno(1,2,3-cd)pyrene	0.158	0.061	0.065	0.078			0.050
Naphthalene	0.057	0.069	0.054	0.131			0.050
Phenanthrene	0.090	0.096	0.160	0.170			0.050
Pyrene	0.159	0.101	0.164	0.177			0.050

BDL = Below Detection Limit Detection limit is Practical Quantitation Limit All results expressed as PPM (mg/kg)

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

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	27923		Invoice # (LAB use only):	Involce # (12/13/12/1155	12/13/12	Signed:	Signed:				Signed:
	8	(A) 8	Refrigerated upon receipt	Refrigerated	Time	Date	aboratory by:	Received in Laboratory by:	Time	Date		Relinquished by:
								Signed:				Signed:
				Remarks:	Time	Date		Received by:	Time	Date		Relinquished by:
	*Next Day *Same Day	*2-Day	*3-Day					-	W. C - 11	1	WISC	nest !
	*RUSH, mark below	*F	7	Standard				Signed:	<u>-</u>	7-73		Signed:
	<u>5):</u>	please note	Furn Around Time (please note):	Turn Arou	Time	Date		Received by:	Time	Date	Samplet:	Relinquished by
8/6/08					S	QQ.	bag Container:	Vial, (t) Tedlar	(v) VOC	, (p) Plastic	Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag	Container type: (a
Last revised					1Ce		Preservative:	'n Acetate	\aOH, (e)2	1,SO4, (d)	Preservative: (a)HCL, (b)HNO ₃ , (c)H ₂ SO ₄ , (d)NaOH, (e)Zn Acetate	Preservative: (a)F
		_										

11					X	Х	composite soil		10:46am	12/13	FM0199B	139843
of sample containers				РАН	Lead	Arsen	SAMPLE DESCRIPTION (matrix)		TIME Collected	DATE Collected	FIELD ID	LAB ID
Z T						ic				7	RED: 12-13-17	DATE DELIVERED:
	THOD	STED / METHOD	ANALYSIS REQUESTE	ANALYSI						1		
orman	Jymalyn Kedmond, Kalph Norman	Jyma		(print)		COKE	AN STIEL COKE		271011	onen,		
			(S):	SAMPLER(S):		Calca	Walter	PROJECT:	eurton	Jewell N	Hare Wynn Newell Newton	CLIENT:
	Fax #:	Fa	0.0	yes	PDF Results:	PD						
	edmond@gmcnetwork.com	yn.redmon	jymalyn.r		E-mail:		F11105	Client P.O. #			bellsouth.net	E-Mail: suthlab@bellsouth.net
	34-590-7010	34-5			Phone#/Cell#:	Phone)581-9504	PHONE (205)581-9500 FAX (205)581-9504	PHONE (205)58
	Grady, AL 36036	Grady,									33	B'HAM, AL 35233
	4659 Huffman Road	4659 H ₁			Address:		,				South	2515 5th Avenue South
ŏd.	Goodwyn, Mills, Cawo	edmond/ (vmalvn Re	Ļ	Name/Co.:	·-yi	ANALYSIS REQUEST	ANALY			ompany, Inc.	Environmental Company, Inc.
27425				SEND REPORT TO:	SEND RE		CHAIN OF CUSTODY	CHAIN				Sutherland

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 18, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27923	
Address:	4659 Huffman Rd.	P.O. #	E11105	
İ	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	12/13/12	Analyst:	Kevin Doriety
Date Collected:	12/13/12	Date of Analysis:	12/18/12
Sample Collector:	J.R./ R.N.	Method:	SW846 6010B

	N	AET.	ALLI	C ANA	LYTE	ES	
	FIELD ID						
	FM0199B						
Analyte, mg/Kg	LAB ID						Detection
as Total	139843						Limit,mg/Kg
Arsenic	9.0						1.0
Lead	205						1.0

NA = Not Available

BDL = Below Detection Limit

Detection Limit is Method Detection Limit

All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 26, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27966	
Address:	4659 Huffman Rd.	P.O. #	EBHM121004	
50	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	12/20/12	Analyst:	MSH
Date Collected:	12/19/12	Date of Analysis:	12/21/12
Sample Collector:	J.R. / R.N.	Method:	EPA Method 6010B

	ľ	META	LLIC	ANAL	YTES		
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	THS001	THS002	THS003	THS004	THS005	THS006	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	140006	140007	140008	140009	140010	140011	Limit,mg/Kg
Arsenic	8.0	10	12	8.4	7.2	3.0	1.0
Lead	62	66	57	46	39	69	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	THS007	THS008	THS009	THS010	THS011	THS012	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	140012	140013	140014	140015	140016	140017	Limit,mg/Kg
Arsenic	28	17	32	24	23	7.4	1.0
Lead	669	3,989	191	164	166	39	1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 26, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27966
Address:	4659 Huffman Rd.	P.O. #	EBHM121004
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	12/20/12	Analyst:	MSH
Date Collected:	12/19/12	Date of Analysis:	12/21/12
Sample Collector:	J.R. / R.N.	Method:	EPA Method 6010B

METALLIC ANALYTES							
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	THS013	THS014	THS015	THS016	THS017	THS018	
Analyte, mg/Kg	LAB ID	Detection					
as Total	140018	140019	140020	140021	140022	140023	Limit,mg/Kg
Arsenic	8.6	16	10	7.7	15	8.7	1.0
Lead	53	138	41	114	180	131	1.0
	FIELD ID	FIELD ID					
	THS019	THS020					
Analyte, mg/Kg	LAB ID	LAB ID					Detection
as Tot al	140024	140025					Limit,mg/Kg
Arsenic	7.0	6.4					1.0
Lead	44	26					1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Method Detection Limit
All results expressed as PPM mg/Kg of total analyte

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	D1 27 2012
	•	*	December 26, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27966
Address:	4659 Huffman Rd.	P.O. #	EBHM121004
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix;	soil	Extraction Date:	12/20/12
Date Received:	12/20/12	Analyst:	Hageman/Currence
Date Collected:	12/19/12	Date of Analysis:	12/21/12
Sample Collector:	J.R. / R.N.	Method:	EPA Method 8270D

POL	POLYNUCLEAR AROMATIC HYDROCARBONS						
	FIELD ID THS001	FIELD ID THS002	FIELD ID THS003	FIELD ID THS004	FIELD ID THS005	FIELD ID THS006	
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
Aromatics, ppm	140006	140007	140008	140009	140010	140011	Limit, ppm
Acenaphthene	0.170	0.115	BDL	BDL	BDL	BDL	0.050
Acenaphthylene	0.055	BDL	BDL	BDL	BDL	BDL	0.050
Anthracene	0.300	0.175	BDL	BDL	BDL	BDL	0.050
Benzo(a)anthracene	1.020	0.825	0.060	0.125	BDL	BDL.	0.050
Benzo(b)fluoranthene	0.630	0.655	0.055	0.160	BDL	BDL	0.050
Benzo(k)fluoranthene	0.810	0.575	0.065	0.120	BDL	BDL	0.050
Benzo(ghi)perylene	0.600	0.450	0.085	0.095	BDL	BDL	0.050
Benzo(a)pyrene	0.955	0.715	0.080	0.140	BDL	BDL	0.050
Chrysene	0.935	0.710	0.070	0.135	BDL	BDL	0.050
Dibenzo(ah)anthracene	0.205	BDL	BDL	BDL	BDL	BDL	0.050
Fluoranthene	1.960	1.630	0.090	0.215	BDL	BDL	0.050
Fluorene	0.175	0.115	BDL	BDL	BDL	BDL	0.050
Indeno(1,2,3-cd)pyrene	0.500	0.415	0.065	0.080	BDL	BDL	0.050
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	0.050
Phenanthrene	1.290	0.810	BDL	0.075	BDL	BDL	0.050
Pyrene	1.420	1.250	0.080	0.175	BDL	BDL	0.050

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 26, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27966
Address:	4659 Huffman Rd.	P.O. #	EBHM121004
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date:	12/21/12
Date Received:	12/20/12	Analyst:	Hageman/Currence
Date Collected:	12/19/12	Date of Analysis:	12/21-22/12
Sample Collector:	J.R. / R.N.	Method:	EPA Method 8270D

POL	POLYNUCLEAR AROMATIC HYDROCARBONS						
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	THS007	THS008	THS009	THS010	THS011	THS012	
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
Aromatics, ppm	140012	140013	140014	140015	140016	140017	Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	0.050
Acenaphthylene	BDL	BDL	0.145	BDL	BDL	BDL	0.050
Anthracene	BDL	BDL	0.065	BDL	0.075	BDL	0.050
Benzo(a)anthracene	BDL	0.065	0.160	0.095	0.350	0.140	0.050
Benzo(b)fluoranthene	BDL	0.105	0.150	0.145	0.260	0.230	0.050
Benzo(k)fluoranthene	BDL	0.085	0.200	0.130	0.300	0.180	0.050
Benzo(ghi)perylene	BDL	0.060	0.125	0.100	0.240	0.135	0.050
Benzo(a)pyrene	BDL	0.075	0.150	0.130	0.355	0.170	0.050
Chrysene	0.055	0.090	0.190	0.135	0.345	0.190	0.050
Dibenzo(ah)anthracene	BDL	BDL	0.055	BDL	0.070	BDL	0.050
Fluoranthene	0.180	0.130	0.355	0.190	0.640	0.225	0.050
Fluorene	BDL	BDL	0.100	BDL	BDL	BDL	0.050
Indeno(1,2,3-cd)pyrene	BDL	BDL	0.100	0.080	0.205	0.110	0.050
Naphthalene	BDL	BDL	BDL	BDL	0.050	0.060	0.050
Phenanthrene	0.080	0.075	0.500	0.105	0.360	0.135	0.050
Pyrene	0.125	0.110	0.270	0.160	0.480	0.200	0.050

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 26, 2012
Attention:	Ms. Jymalyn Redmond	Reference #	27966
Address:	4659 Huffman Rd.	P.O. #	EBHM121004
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date:	12/21/12
Date Received:	12/20/12	Analyst:	Надетап/Ситепсе
Date Collected:	12/19/12	Date of Analysis:	12/22/12
Sample Collector:	J.R. / R.N.	Method:	EPA Method 8270D

POL	YNUCL	EAR AR	OMATI	C HYDF	ROCARI	BONS	
	FIELD ID	FIELD ID	FIELD ID				
	THS013	THS014	THS015	THS016	THS017	THS018	
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
Aromatics, ppm	140018	140019	140020	140021	140022	140023	Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	0.050
Acenaphthylene	BDL	BDL	BDL	BDL	0.110	BDL	0.050
Anthracene	BDL	BDL	BDL	BDL	0.110	BDL	0.050
Benzo(a)anthracene	BDL	0.185	BDL.	0.070	0.400	0.055	0.050
Benzo(b)fluoranthene	0.060	0.335	BDL	0.115	0.375	0.070	0.050
Benzo(k)fluoranthene	0.070	0.235	BDL	0.080	0.455	0.050	0.050
Benzo(ghi)perylene	BDL	0.170	BOL	0.070	0.350	BDL	0.050
Benzo(a)pyrene	BDL	0.230	BDL	0.085	0.450	0.050	0.050
Chrysene	0.130	0.265	BDL	0.100	0.575	0.065	0.050
Dibenzo(ah)anthracene	BDL	BDL	BDL	BDL	0.105	BDL	0.050
Fluoranthene	0.530	0.290	BDL	0.135	0.695	0.090	0.050
Fluorene	BDL	BDL	BDL	BDL	0.100	BDL	0.050
Indeno(1,2,3-cd)pyrene	BDL	0.130	BDL	0.060	0.260	BDL.	0.050
Naphthalene	BDL	BDL	BDL.	BDL	0.055	BDL	0.050
Phenanthrene	0.185	0.080	BDL	0.060	0.450	0.055	0.050
Pyrene	0.350	0.280	BDL	0.110	0.605	0.085	0.050

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	December 16, 2012	
Attention:	Ms. Jymalyn Redmond	Reference #	27966	
Address:	4659 Huffman Rd.	P.O. #	EBHM121004	
<u> </u>	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	12/21/12
Date Received:	12/20/12	Analyst:	Hageman/Currence
Date Collected:	12/19/12	Date of Analysis:	12/22/12
Sample Collector:	J.R. / R.N.	Method:	EPA Method 8270D

POL	YNUCL	EAR AR	OMA	TIC HY	DROC	CARBO	NS	
	FIELD ID	FIELD ID						
	THS019	THS020						
Polynuclear	LAB ID	LAB ID						Detection
Aromatics, ppm	140024	140025						Limit, ppm
Acenaphthene	BDL	0.205						0.050
Acenaphthylene	BDL	BDL						0.050
Anthracene	BDL	0.160						0.050
Benzo(a)anthracene	0.135	0.520						0.050
Benzo(b)fluoranthene	0.170	0.600						0.050
Benzo(k)fluoranthene	0.125	0.485						0.050
Benzo(ghi)perylene	0.100	0.375						0.050
Benzo(a)pyrene	0.140	0.560						0.050
Chrysene	0.150	0.575						0.050
Dibenzo(ah)anthracene	BDL	0.130						0.050
Fluoranthene	0.255	1.200						0.050
Fluorene	BDL	0.165						0.050
Indeno(1,2,3-cd)pyrene	0.090	0.350						0.050
Naphthalene	BDL	BDL						0.050
Phenanthrene	0.135	0.850						0.050
Pyrene	0.195	0.895						0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

2515 5th Avenue South Environmental Company, Inc.

Signed Relinquished by: Signed: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag
Relinquished by Sampler:

Date Time Received by: Relinquished by Preservative: (a)HCL, (b)HNO $_3$, (c)H $_2$ SO $_4$, (d)NaOH, (e)Zn Acetate DATE DELIVERED: E-Mail: suthlab@bellsouth.net PHONE (205)581-9500 FAX (205)581-9504 B'HAM, AL 35233 Sutherland CLIENT: 140115 6010h1 9010H 140113 1110111 140112 140107 Ollah 140102 111011 LABID THS031 Hare Wynn, Newell, Newton THS030 THS024 THS028 **THS025** THS029 THS027 THS026 THS023 THS022 THS021 FIELD ID 12/211 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 12/21/12 Collected Collected DATE Date Date ণু Time Time TIME Signed: Received by: Signed: Received by: SAMPLE DESCRIPTION (matrix) PROJECT Client P.O. # ANALYSIS REQUEST CHAIN OF CUSTODY composite soil composite soil composite soil composite soil composite soil composite soil composite soil composite soil composite soil composite soil composite soil EBHM121004 Preservative: Container: Walter Coke 12/21/12 Date Date Date Arsenic Phone# / Cell#: PDF Results: Name/Co.: SEND REPORT TO: 1350 Time Time Time Address: E-mail: Lead Refrigerated upon racelpts (60) Remarks: End of week (12/28). Invoice # (LAB use only): Standard Turn Around Time (please note): SAMPLER(S): ANALYSIS REQUESTED / METHOD RCRA 8 yes Jymalyn Redmond/ Goodwyn, Mills, Cawood 4659 Huffman Road 9 2799 1. Showick land, West Brown ymalyn.redmond@gmcnetwork.com Grady, AL 36036 34-590-7010 * Tures day Fax #: RUSH, mark below Last revised of sample Number containers 8/6/08

Environmental Company, Inc.

2515 5th Avenue South Birmingham. AL 35233 205-581-9500



Client: Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond	Report Date: Reference #	December 28, 2012 27991
1 .	4659 Huffman Rd.	P.O. #	EBHM121004
L	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	12/21/12	Analyst:	Kevin Doriety
Date Collected:	12/21/12	Date of Analysis:	12/27-28/12
Sample Collector:	D.J.S./ M.B.	Method:	SW846 6010B/7471A

	1	META	LLIC	ANA	LYTE	S	
	FIELD ID						
	THS022	THS025					
Analyte, mg/Kg	LAB ID	LAB ID					Detection
as Total	140106	140109					Limit,mg/Kg
Arsenic	11	24					1.0
Barium	50	245					1.0
Cadmium	BDL	1.8					1.0
Chromium	14	28					1.0
Lead	125	1,030					1.0
Mercury	BDL	BDL					1.0
Selenium	BDL	5.3					1.0
Silver	BDL	BDL					1.0

BDL = Below Detection Limit
Detection Limit is Method Detection Limit
All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

MH /QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Grady, AL 36036 Project ID: Walter Coke	Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd. Grady, AL 36036	Report Date; Reference # P.O. # Project ID:	December 28, 2012 27991 EBHM121004 Walter Coke
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Sample Matrix:	soil	Analytical	
Date Received:	12/21/12	Analyst:	Kevin Doriety
Date Collected:	12/21/12	Date of Analysis:	12/27/12
Sample Collector:	D.J.S./ M.B.	Method:	EPA Method 6010B

	1	META	LLIC	ANAL	YTES		
	FIELD ID THS021	FIELD ID THS023	FIELD ID THS024	FIELD ID THS026	FIELD ID	FIELD ID	
Analyte, mg/Kg as Total	LAB ID 140105	LAB ID 140107	LAB ID 140108	LAB ID 140110	LAB ID 140111	LAB ID 140112	Detection
Arsenic	16	37	15	9.3	11	41	Limit,mg/Kg
Lead	174	175	270	279	218	730	1.0
	FIELD ID THS029	FIELD ID THS030	FIELD ID THS031				
Analyte, mg/Kg as Total	LAB ID 140113	LAB ID 140114	LAB ID 140115				Detection Limit,mg/Kg
Arsenic	12	34	29				1.0
Lead	282	229	281				1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28402
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/26/13	Date of Analysis:	3/21/13
Sample Collector:	N.B.C/ B.B.	Method:	EPA Method 6010B

	ľ	META	LLIC	ANAL	YTES		
	FIELD ID HP0026A	FIELD ID HP0240B	FIELD ID HP0164B	FIELD ID HP0069B	FIELD ID CV0755C	FIELD ID CV0754B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	141893	141894	141895	141896	141897	141898	Limit,mg/Kg
Arsenic	2.1	18	16	12_	6.0	12	1.0
Lead	82	139	285	148	368	152	1.0
	FIELD ID						
	CV0956C	CV0835A	FM0225B	CV0045A	CV0047A	CV0118A	
Analyte, mg/Kg	LAB ID	LAB ID	LABID	LAB ID	LAB ID	LABID	Detection
as Total	141899	141900	141901	141902	141903	141904	Limit,mg/Kg
Arsenic	13	7.5	17	8.6	10	9.5	1.0
Lead	361	119	62	11	511	636	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	CV0134A	CV0195B	CV0497B	CV0046B			
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID			Detection
as Total	141905	141906	141907	141908			Limit,mg/Kg
Arsenic	2.7	12	5.1	7.7			1.0
Lead	75	485	814	465			1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MH/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety

Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28402	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	3/11/13
Date Received:	3/7/13	Analyst:	Hageman/Currence
Date Collected:	2/26/13	Date of Analysis:	3/12/13
Sample Collector:	N.B.C./B.B.	Method:	EPA Method 8270C

POL	POLYNUCLEAR AROMATIC HYDROCARBONS						
	FIELD ID	FIELD ID					
	HP0069B	CV0755C					
Polynuclear	LAB ID	LAB ID					Detection
Aromatics, ppm	141896	141897					Limit, ppm
Acenaphthene	BDL	BDL					0.050
Acenaphthylene	BDL	BDL					0.050
Anthracene	BDL	BDL					0.050
Benzo(a)anthracene	0.055	BDL					0.050
Benzo(b)fluoranthene	0.147	BDL					0.050
Benzo(k)fluoranthene	0.100	BDL					0.050
Benzo(ghi)perylene	BDL	BDL					0.050
Benzo(a)pyrene	0.107	BDL					0.050
Chrysene	0.120	0.063					0.050
Dibenzo(ah)anthracene	BDL	BDL					0.050
Fluoranthene	0.089	BDL					0.050
Fluorene	BDI.	BDL					0.050
Indeno(1,2,3-cd)pyrene	0.072	BDL					0.050
Naphthalene	0.154	0.075					0.050
Phenanthrene	0.131	0.072					0.050
Pyrene	0.108	BDL					0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	March 26, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28403	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical		7
Date Received:	3/7/13	Analyst:	Kevin Doriety	
Date Collected:	2/27/13	Date of Analysis:	3/22-25/13	1
Sample Collector:	C.S./ B.B.	Method:	EPA Method 6010B	1

	I	META	LLIC	ANAL	YTES		
	FIELD ID FM0129C	FIELD ID CV0740A	FIELD ID CV0078C	FIELD ID CV0274A	FIELD ID		
Analyte, mg/Kg	LAB ID	LABID	LABID	LAB ID	LABID	LAB ID	Detection
as Total	141909	141910	141911	141912	141913	141914	Limit,mg/Kg
Arsenic	8.1	10	4.4	8.4	2.3	5.3	1.0
Lead	59	79	164	71	43	99	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0149A	CV0568A	CV0337B	CV9300A	CV0379A	CV0386B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	141915	141916	141917	141918	141919	141920	Limit,mg/Kg
Arsenic	9.2	10	2.9	3.3	12	12	1.0
Lead	145	64	122	129	170	279	1.0
	FIELD ID	FIELD ID					
	CV0398B	CV0402A					
Analyte, mg/Kg	LAB ID	LABID					Detection
as Total	141921	141922					Limit,mg/Kg
Arsenic	6.6	9.5					1.0
Lead	63	91					1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Method Detection Limit
All results expressed as PPM mg/Kg of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	March 26, 2013 28403 E11105 Walter Coke
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Sample Matrix: Date Received: Date Collected:	soil 3/7/13 2/27/13	Extraction Date: Analyst: Date of Analysis	3/11/13 Hageman/Currence
Sample Collector:	2/27/13 C.S./ B.B.	Date of Analysis: Method:	3/12/13 EPA Method 8270C

POLYNUCLEAR AROMATIC HYDROCARBONS							
		FIELD ID					
	FM0129C	CV0398B					
Polynuclear	LAB ID	LAB ID					Detection
Aromatics, ppm	141909	141921					Limit, ppm
Acenaphthene	BDL	BDL					0.050
Acenaphthylene	0.090	BDL					0.050
Anthracene	0.096	BDL					0.050
Benzo(a)anthracene	0.409	BDL					0.050
Benzo(b)fluoranthene	0.483	BDL					0.050
Benzo(k)fluoranthene	0.545	BDL					0.050
Benzo(ghi)perylene	0.338	BDL					0.050
Benzo(a)pyrene	0.580	BDL					0.050
Chrysene	0.560	BDL					0.050
Dibenzo(ah)anthracene	0.094	BDL					0.050
Fluoranthene	0.875	BDL					0.050
Fluorene	BDL	₿DL					0.050
Indeno(1,2,3-cd)pyrene	0.332	BDL					0.050
Naphthalene	0.144	BDL					0.050
Phenanthrene	0.389	BDL					0.050
Pyrene	0.705	BDL					0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MK /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 1, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28404	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	3/7/13	Analyst:	Kevin Doriety
Date Collected:	2/27-28/13	Date of Analysis:	3/25-28/13 & 4/1/13
Sample Collector:	C.S./ B.B.	Method:	EPA Method 6010B

	1	META	LLIC A	ANAL	YTES		
	FIELD ID CV0944A	FIELD ID CV0402B	FIELD ID CV0231A	FIELD ID CV0275A	FIELD ID CV0724A	FIELD ID HP0330A	
Analyte, mg/Kg as Total	LAB ID 141923	LAB ID 141924	LAB ID 141925	LAB ID 141926	LAB ID 141927	LAB ID 141928	Detection Limit,mg/Kg
Arsenic	13	4.7	7.0	6.0	6.2	6.1	1.0
Lead	215	340	455	51	56	66	1.0
	FIELD ID HP0008B	FIELD 1D HP0329C					
Analyte, mg/Kg as Total	LAB ID 141929	LAB ID 141930					Detection Limit,mg/Kg
Arsenic	11	8.5					1.0
Lead	188	151					1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 1, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28404
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date:	3/11/13
Date Received:	3/7/13	Analyst:	Hageman/Currence
Date Collected:	2/28/13	Date of Analysis:	3/12/13
Sample Collector:	C.S./ B.B.	Method:	EPA Method 8270C

POL	YNUCL	EAR A	ROM	IATI	C HYDI	ROCARI	BONS	
	FIELD ID							
	HP0008B							
Polynuclear	LAB ID							Detection
Aromatics, ppm	141929							Limit, ppm
Acenaphthene	BDL							0.050
Acenaphthylene	BDL							0.050
Anthracene	BDL							0.050
Benzo(a)anthracene	0.063							0.050
Benzo(b)fluoranthene	0.143							0.050
Benzo(k)fluoranthene	0.094							0.050
Benzo(ghi)perylene	0.085							0.050
Benzo(a)pyrene	0.115							0.050
Chrysene	0.131							0.050
Dibenzo(ah)anthracene	BDL							0.050
Fluoranthene	0.094							0.050
Fluorene	BDL							0.050
Indeno(1,2,3-cd)pyrene	0.063							0.050
Naphthalene	0.159		1					0.050
Phenanthrene	0.096							0.050
Pyrene	0.086							0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

My / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Non Dorce

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28416	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	3/4-6/13	Date of Analysis:	3/28/13
Sample Collector:	C.T./J.R.	Method:	EPA Method 6010B

	METALLIC ANALYTES						
	FIELD ID	FIELD ID		FIELD ID		FIELD ID	
	HP0068A	HP0097A	HP0313A	CV0333B	CV0193A	CV0079A	1
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	141976	141977	141978	141979	141980	141981	Limit,mg/Kg
Arsenic	13	9.0	7.7	6.5	13	7.7	1.0
Lead	112	114	262	143	13	131	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0793A	CV0588B	CV0632A	CV0552A	CV0399B	CV0277B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	141982	141983	141984	141985	141986	141987	Limit,mg/Kg
Arsenic	40	1.3	10	6.2	6.8	7.2	1.0
Lead	166	50	294	218	313	75	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0339B	CV00341B	CV0628A	CV0713B	CV0144B	FM0116A	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	141988	141989	141990	141991	141992	141993	Limit,mg/Kg
Arsenic	10	27	8.1	9.3	12	22	10

95

328

122

1.0

43

Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

259

EPA Laboratory ID AL01084

Lead

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Attention: Address:	The state of the s	Report Date: Reference # P.O. #	April 3, 2013 28416 E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Dorjety
Date Collected:	3/6/13	Date of Analysis:	4/2/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	MI	ETALL	IC AN	ALY	ΓES	
			FIELD ID			
	CV0683C	CV0683A	CV0684C			
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID			Detection
as Total	141994	141995	141996			Limit,mg/Kg
Arsenic	4.4	4.2	4.5			1.0
Lead	71	119	91			1.0

Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MHT/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28416
Address:	4659 Huffman Rd.	P.O. #	E11105
1	Grady, AL 36036		
L	Grady, AL 30030	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date:	3/12/13
Date Received:	3/8/13	Analyst:	Hageman/Currence
Date Collected:	3/4-6/13	Date of Analysis:	3/12-13/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 8270C

POL	YNUCL	EAR AR	OMATI	C HYDR	ROCARI	BONS	.,
	FIELD ID		FIELD ID				
	HP0313A	CV0793A	CV0628A	FM0116A	CV0684C		
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID		Detection
Aromatics, ppm	141978	141982	141990	141993	141996		Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL	BDL		0.050
Acenaphthylene	0.191	BDL	BDL	0.094	BDL		0.050
Anthracene	0.175	BDL	BDL	0.118	0.104		0.050
Benzo(a)anthracene	0.458	0.087	BDL	0.350	0.269		0.050
Benzo(b)fluoranthene	0.436	0.128	0.053	0.389	0.269		0.050
Benzo(k)fluoranthene	0.488	0.104	BDL	0.454	0.175		0.050
Benzo(ghi)perylene	0.363	BDL	BDL	0.319	0.199		0.050
Benzo(a)pyrene	0.555	0.171	BDL	0.450	0.285		0.050
Chrysene	0.525	0.156	BDL	0.515	0.389		0.050
Dibenzo(ah)anthracene	0.096	BDL	BDL	BDL	BDL.		0.050
Fluoranthene	0.710	0.167	0.072	0.745	0.515		0.050
Fluorene	BDL	BDL	BDL	BDL	0.052		0.050
Indeno(1,2,3-cd)pyrene	0.361	0.091	BDL	0.234	0.179		0.050
Naphthalene	0.660	0.238	BDL	0.226	0.780		0.050
Phenanthrene	0.550	0.279	0.056	0.400	0.695		0.050
Pyrene	0.660	0.154	0.054	0.605	0.406		0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MT/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Non Donat

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28417	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Analytical	
Date Received:	3/8/13	Analyst:	Kevin Doriety
Date Collected:	1/10-16/13	Date of Analysis:	4/2/13
Sample Collector:	C.T./ J.R.	Method:	EPA Method 6010B

	I	META	LLIC	ANAL	YTES		
	FIELD ID	FTELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0888A	CV0739C	CV0548A	CV0493A	CV0334A	CV0179B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LABID	LABID	Detection
as Total	141997	141998	141999	142000	142001	142002	Limit,mg/Kg
Arsenic	8.9	6.7	5.7	2.5	1.6	4.2	1.0
Lead	99	82	97	69	32	95	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0106A	CV0819B	FM0012A	FM0014B	FM0281B	HP0194A	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	142003	142004	142005	142006	142007	142008	Limit,mg/Kg
Arsenic	8.7	7.3	3.8	6.8	5.6	9.3	1.0
Lead	203	142	96	330	140	135	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID		
	CV0433B	CV0635B	HP0119B	HP0233A	HP0231A		
Analyte, mg/Kg	LAB ID	LAB 1D	LAB ID	LAB ID	LAB ID		Detection
as Total	142009	142010	142011	142012	142013		Limit,mg/Kg
Arsenic	3,5	13	4.4	6.7	5.6		1.0
Lead	106	356	74	98	106		1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd. Grady, AL 36036	Report Date: Reference # P.O. # Project ID:	April 9, 2013 28447 E11105 Walter Coke, Inc	
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Sample Matrix:	soil	Analytical	
Date Received:	3/15/13	Analyst:	Kevin Doriety
Date Collected:	3/12-14/13	Date of Analysis:	4/8-9/13
Sample Collector:	N. Berrios/ R. Stubbs	Method:	EPA Method 6010B

METALLIC ANALYTES							
	FIELD ID		FIELD ID			FIELD II	
	CV0614B	CV0150B	CV0169B	CV0227A			
Analyte, mg/Kg	LAB ID	LABID	Detection				
as Total	142151	142152	142153	142154	142155	142156	Limit,mg/Kg
Arsenic	1.9	3.0	10	8.8	10	4.8	1.0
Lead	127	134	549	342	243	40	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0578B	CV0579B	CV0200A	CV0843A	CV0826A	CV1151A	1
Analyte, mg/Kg	LAB ID	LAB ID	LABID	LABID	LAB ID	LABID	Detection
as Total	142157	142158	142159	142160	142161	142162	Limit,mg/Kg
Arsenic	5.7	1.5	6.7	6.7	6.2	7.0	1.0
Lead	138	1130	266	64	112	348	1.0
		FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0353A	CV0865B	CV0770B	CV0766A	CV0968B	CV0292A	
Analyte, mg/Kg	LAB ID	LAB ID	LABID	LAB ID	LAB ID	LAB ID	Detection
as Total	142163	142164	142165	142166	142167	142168	Limit,mg/Kg
Arsenic	9.1	6.9	5.9	72	6.4	1.6	1.0
Lead	158	209	102	237	47	95	1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

PA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 9, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28447
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke, Inc

Sample Matrix:	soil	Extraction Date:	3/25/13
Date Received:	3/15/13	Analyst:	Hageman/Currence
Date Collected:	3/12-14/13	Date of Analysis:	3/26-27/13
Sample Collector:	N. Berrios/ R. Stubbs	Method:	EPA Method 8270C

POL	POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID		
	CV0614B	CV0150B	HP0021B	CV0843A	CV0865B	CV0968B		
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection	
Aromatics, ppm	142151	142152	142155	142160	142164	142167	Limit, ppm	
Acenaphthene	BDL	BDL	BDL	BDL.	BDI,	BDL	0.050	
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	0.220	0.050	
Anthracene	BDL	BDL	. BDL	BDL	0.067	0.165	0.050	
Benzo(a)anthracene	0.180	0.293	0.118	0.489	0.680	0.505	0.050	
Benzo(b)fluoranthene	0.200	0.313	0.111	0.885	0.321	0.650	0.050	
Benzo(k)fluoranthene	0.144	0.202	0.081	0.515	0.352	0.680	0.050	
Benzo(ghi)perylene	0.141	0.154	BDL	0.540	0.188	0.505	0.050	
Benzo(a)pyrene	0.223	0.275	0.152	0.670	0.461	0.595	0.050	
Chrysene	0.225	0.330	0.192	0.570	0.530	0.755	0.050	
Dibenzo(ah)anthracene	BDL	0.075	BDL	0.229	BDL	0.190	0.050	
Fluoranthene	0.237	0.448	0.168	0.396	0.795	1.580	0.050	
Fluorene	BDL	BDL	BDL	BDL	BDL	0.080	0.050	
Indeno(1,2,3-cd)pyrene	0.113	0.152	BDL	0.482	0.172	0.435	0.050	
Naphthalene	BDL	0.248	BDL	BDI.	0.630	BDL	0.050	
Phenanthrene	0.195	0.425	0.288	0.164	1.360	1.930	0.050	
Рутепе	0.197	0.417	0.175	0.377	0.765	1.170	0.050	

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

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EPA Laboratory ID AL01084

Respectfully submitted,

Kin Donat

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodyge Mills & Come 1	B		
Chem.	Goodwyn, Mills & Cawood	Report Date:	April 16, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28474	- 1
1	J J	reference #	20474	- 1
Address:	4659 Huffman Rd.	P.O. #	E11105	- 1
ļ	Grady, AL 36036	Project ID:	Walter Coke, Inc.	ľ
		110,00012.	Watter Coke, inc.	

Sample Matrix:	soil	Analytical	
Date Received:	3/22/13	Analyst:	Kevin Doriety
Date Collected:	3/20-22/13	Date of Analysis:	4/15-16/13
Sample Collector:	N.B. / R.S.	Method:	EPA Method 6010B

	METALLIC ANALYTES							
	FIELD ID					FIELD ID		
	CV0876A	CV0833B	CV0763A	FM0168A	CV0368B	FM0312C	1	
Analyte, mg/Kg	LAB ID	LABID	LAB ID	LAB ID	LAB ID	LAB ID	Detection	
as Total	142274	142275	142276	142277	142278	142279	Limit,mg/Kg	
Arsenic	10	11	8.6	6.9	9.3	4.2	1.0	
Lead	319	211	167	172	146	53	1.0	
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID		
	CV0092A	CV0090B	CV0663B	FM0017A	FM0017D	CV0443B		
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection	
as Total	142280	142281	142282	142283	142284	142285	Limit,mg/Kg	
Arsenic	4.6	22	13	12	11	11	1.0	
Lead	77	264	212	140	72	179	1.0	
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID			
	CV0476A	CV0566B	HP0084A	HP0084C	CV0664A			
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID		Detection	
as Total	142286	142287	142288	142289	142290		Limit,mg/Kg	
Arsenic	24	3.5	15	20	9.2		1.0	
Lead	129	98	150	132	57		1.0	

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

Respectfully submitted,

MH /QAQC

EPA Laboratory ID AL01084

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 16, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28474
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke, Inc.

Sample Matrix:	soil	Extraction Date:	3/27/13
Date Received:	3/22/13	Analyst:	Hageman/Currence
Date Collected:	3/20-21/13	Date of Analysis:	3/27/13
Sample Collector:	NB / RS	Method:	EPA Method 8270C

POL	POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID CV0876A		FIELD ID CV0368B					
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID		Detection		
Aromatics, ppm	142274	142277	142278	142283		Limit, ppm		
Acenaphthene	BDL	BDL	BDL	BDL		0.050		
Acenaphthylene	0.160	0.150	BDL	BDL		0.050		
Anthracene	0.225	0.175	0.075	0.080		0.050		
Benzo(a)anthracene	0.650	0.400	0.205	0.440		0.050		
Benzo(b)fluoranthene	0.925	0.555	0.220	0.435		0.050		
Benzo(k)fluoranthene	0.555	0.360	0.170	0.385		0.050		
Benzo(ghi)perylene	0.460	0.365	0.135	0.280		0.050		
Benzo(a)pyrene	9.660	0.410	0.155	0.440		0.050		
Chrysene	0.790	0.505	0.215	0.550		0.050		
Dibenzo(ah)anthracene	0.125	0.060	BDL	0.060		0.050		
Fluoranthene	0.925	0.715	0.275	0.600		0.050		
Fluorene	BDL	BDL	BDL	BDL		0.050		
Indeno(1,2,3-cd)pyrene	0.415	0.250	0.080	0.205		0.050		
Naphthalene	0.620	BDL	BDL	0.215		0.050		
Phenanthrene	0.950	0.675	0.270	0.590		0.050		
Pyrene	0.840	0.550	0.230	0.500		0.050		

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MX /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Dord

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	April 30, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28553	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke	

Sample Matrix:	soil	Extraction Date:	4/9/13
Date Received:	4/5/13	Analyst:	Hageman/Currence
Date Collected:	4/1-3/13	Date of Analysis:	4/9/13
Sample Collector:	R. Stubbs/ C. Troiano	Method:	EPA Method 8270C

POL	POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID CV0501B	FIELD ID HP0167B	FIELD ID CV1254C	FIELD ID CV0741C				
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID		Detection		
Aromatics, ppm	142571	142575	142581	142583		Limit, ppm		
Acenaphthene	BDL	BDL	BDL	BDL.		0.050		
Acenaphthylene	BDL	BDL	BDL	BDL		0.050		
Anthracene	0.110	BDL	0.215	BDL		0.050		
Benzo(a)anthracene	0.335	0.085	0.630	BDL		0.050		
Benzo(b)fluoranthene	0.370	BDL	0.590	BDL		0.050		
Benzo(k)fluoranthene	0.305	BDL	0.585	BDL		0.050		
Benzo(ghi)perylene	0.230	BDL	0.570	BDL		0.050		
Benzo(a)pyrene	0.360	BDL	0.645	BDL		0.050		
Chrysene	0.360	0.110	0.575	0.090		0.050		
Dibenzo(ah)anthracene	BDL	BDL	0.165	BDL		0.050		
Fluoranthene	0.465	0.125	0.900	0.100		0.050		
Fluorene	BDL	BDL	BDL	BDL		0.050		
Indeno(1,2,3-cd)pyrene	0.215	BDL	0.410	BDL		0.050		
Naphthalene	0.140	BDL	0.210	BDL		0.050		
Phenanthrene	0.290	0.170	0.940	0.095		0.050		
Pyrene	0.480	0.110	0.815	0.075		0.050		

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

/ QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond	Report Date: Reference #	May 3, 2013
1	4659 Huffman Rd.	P.O. #	28598 E11105
	Grady, AL 36036	Project ID:	Walter Coke, Inc

Sample Matrix:	soil	Analytical	
Date Received:	4/12/13	Analyst:	Kevin Doriety
Date Collected:	4/8-9/13	Date of Analysis:	5/1-2/13
Sample Collector:	J. Partap/ R. Anglin	Method:	EPA Method 6010B

	l	META	LLIC	ANAL	YTES	****	
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0637A	CV0637C	FM0117A	FM0117D	FM0114A	CV1338B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LABID	LAB ID	Detection
as Total	142824	142825	142826	142827	142828	142829	Limit,mg/Kg
Arsenic	6.5	7.7	4.0	4.8	5.0	7.5	1.0
Lead	180	175	88	90	126	233	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV1337A	CV0928B	CV0675A	HP0140B	HP0142A	HP0283C	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	142830	142831	142832	142833	142834	142835	Limit,mg/Kg
Arsenic	9.2	12	16	12	14	8.4	1.0
Lead	131	179	181	149	238	142	1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Reporting Limit All results expressed as PPM mg/Kg of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28598	
Address:	4659 Huffman Rd.	P.O. #	E11105	
L	Grady, AL 36036	Project ID:	Walter Coke, Inc	

Sample Matrix:	soil	Analytical	
Date Received:	4/12/13	Analyst:	Kevin Doriety
Date Collected:	4/10-12/13	Date of Analysis:	5/2/13
Sample Collector:	J. Partap/ R. Anglin	Method:	EPA Method 6010B

METALLIC ANALYTES							
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0318A	CV0886A	CV0050B	CV0133A	CV0661A	HP0202C	
Analyte, mg/Kg	LAB ID	Detection					
as Total	142836	142837	142838	142839	142840	142841	Limit,mg/Kg
Arsenic	5.6	13	9.8	8.2	3.7	9.1	1.0
Lead	349	370	262	188	128	475	1.0
	FIELD ID	FIELD ID					
	HP0083B	CV0676A					
Analyte, mg/Kg	LAB ID	LAB ID					Detection
as Total	142842	142843					Limit,mg/Kg
Arsenic	8.2	1.9					1.0
Lead	50	10					1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Reporting Limit All results expressed as PPM mg/Kg of total analyte

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 3, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28598	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

Sample Matrix:	soil	Extraction Date:	4/16-18/13
Date Received:	4/12/13	Analyst:	Hageman/Currence
Date Collected:	4/8-10/13	Date of Analysis:	4/17-18/13
Sample Collector:	J. Partap/ R. Anglin	Method:	EPA Method 8270C

POLYNUCLEAR AROMATIC HYDROCARBONS							
	FIELD ID	FIELD ID		FIELD ID			
	FM0117D	CV0928B	HP0142A	CV0886A	CV0050B		
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID		Detection
Aromatics, ppm	142827	142831	142834	142837	142838		Limit, ppm
Acenaphthene	BDL	BDL	BDL	67.300	BDL		0.050
Acenaphthylene	BDL	BDL	BDL	3.800	0.060		0.050
Anthracene	BDL	BDL	0.070	65.200	0.145		0.050
Benzo(a)anthracene	BDL	0.050	0.185	216.000	0.680		0.050
Benzo(b)fluoranthene	BDL	0.090	0.460	203.000	0,870		0.050
Benzo(k)fluoranthene	0.050	0.070	0.330	186.000	0.455		0.050
Benzo(ghi)perylene	BDL	0.070	0.320	144.000	0.515		0.050
Benzo(a)pyrene	0.060	0.075	0.375	215,000	0.705		0.050
Chrysene	0.060	0.080	0.315	200,000	0.740		0.050
Dibenzo(ah)anthracene	BDL	BDL	0.120	51.200	0.175		0.050
Fluoranthene	0.080	0.110	0.320	492.000	1.290		0.050
Fluorene	BDL	BDL	BDL	58.100	0.085		0.050
Indeno(1,2,3-cd)pyrene	BDL	0.055	0.275	128.000	0.415		0.050
Naphthalene	BDL	BDI.	0.165	106.000	0.170		0.050
Phenanthrene	BDL	BDL	0.360	456.000	0.925		0.050
Pyrene	0.070	0.090	0.305	370.000	1.110		0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

/V/t/ /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kon Donat

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013
Attention:	Ms. Jymalyn Redmond	Reference #	28638
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	4/15-18/13	Analyst:	M. Hageman
Date Collected:	4/15-17/13	Date of Analysis:	5/8/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 6010B

	METALLIC ANALYTES						
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0745B	FM0060A	FM0106B	CV1282A	CV1282C	CV0313B	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	143033	143034	143035	143036	143037	143038	Limit,mg/Kg
Arsenic	5.6	4.2	5.9	5.3	9.6	6.8	1.0
Lead	162	160	97	56	192	173	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0423A	CV1013B	CV1225A	CV1066B	HP0311B	CV0516C	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	143039	143040	143041	143042	143043	143044	Limit,mg/Kg
Arsenic	11.3	3.5	4.6	9.5	9.5	4.0	1.0
Lead	100	103	97	245	333	77	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID		
	HP0234B	FM0296A	FM0296C	HP0063A	HP0064B		
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID		Detection
as Total	143045	143046	143047	143048	143049		Limit,mg/Kg
Arsenic	7.1	BDL	1.2	6.3	2.9		1.0
Lead	277	77	421	98	97		1.0

NA = Not Available BDL = Below Detection Limit Detection Limit is Reporting Limit All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

/QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 9, 2013
I	Ms. Jymalyn Redmond	Reference #	28638
Address:	4659 Huffman Rd.	P.O. #	E11105
L	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Extraction Date:	4/23/13
Date Received:	4/19/13	Analyst:	Hageman/Currence
Date Collected:	4/16-18/13	Date of Analysis:	4/25/13
Sample Collector:	J. Redmond/R. Norman	Method:	EPA Method 8270C

POL	POLYNUCLEAR AROMATIC HYDROCARBONS					
	FIELD ID		FIELD ID			
	CV1282C	CV1013B	FM0296C	HP0064B		
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID		Detection
Aromatics, ppm	143037	143040	143047	143049		Limit, ppm
Acenaphthene	BDL	BDL	BDL	BDL		0.050
Acenaphthylene	BDL	BDŁ	BDL	BDL		0.050
Anthracene	0.057	0.059	BDL	BDL		0.050
Benzo(a)anthracene	0.327	0.845	BDL	0.053		0.050
Benzo(b)fluoranthene	0.422	1.970	BDL	0.075		0.050
Benzo(k)fluoranthene	0.326	1.100	BDL	0.063		0.050
Benzo(ghi)perylene	0.317	1.790	BDL	0.068		0.050
Benzo(a)pyrene	0.408	1.620	0.054	0.076		0.050
Chrysene	0.411	1.250	0.062	0.077		0.050
Dibenzo(ah)anthracene	0.072	0.555	BDL	BDL		0.050
Fluoranthene	0.545	0.985	0.074	0.093		0.050
Fluorene	BDL	BDL	BDL	BDL		0.050
Indeno(1,2,3 cd)pyrene	0.261	1.470	BDL	0.052		0.050
Naphthalene	0.121	0.094	0.113	BDL		0.050
Phenanthrene	0.278	0.435	0.108	0.078		0.050
Pyrene	0.488	0.885	0.064	0.083		0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Attention:	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond	Report Date: Reference #	May 10, 2013 28677
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix: Date Received: Date Collected: Sample Collector:	soil 4/26/13 4/23-25/13 N. Berrios	Extraction Date: Analyst; Date of Analysis; Method:	4/30/13 & 5/1/13 Hageman/Currence 5/1/13 EPA Method 8270C
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POL	YNUCL	EAR AR	OMATI	C HYDI	ROCARBONS	
	FIELD ID CV0686A		FIELD ID HP0157A			
Polynuclear	LAB ID	LAB ID	LAB ID	LAB ID		Detection
Aromatics, ppm	143258	143259	143263	143276		Limit, ppm
Acenaphthene	BDL	0.060	BDL	BDL		0.050
Acenaphthylene	0.075	0.060	BDL	BDL		0.050
Anthracene	0.085	0.165	BDL	BDL		0.050
Benzo(a)anthracene	0.400	0.555	0.075	BDL		0.050
Benzo(b)fluoranthene	0.580	0.600	0.105	BDL		0.050
Benzo(k)fluoranthene	0.365	0.390	0.080	BDI.		0.050
Benzo(ghi)perylene	0.385	0.570	0.070	BDL		0.050
Benzo(a)pyrene	0.520	0.620	0.090	BOL.		0.050
Chrysene	0.555	0.775	0.105	BDL		0.050
Dibenzo(ah)anthracene	0.135	0.140	BDL	BDL		0.050
Fluoranthene	0.600	0.800	0.120	BDL.		0.050
Fluorene	BDL	0.160	BDL	BDL		0.050
Indeno(1,2,3-cd)pyrene	0.315	0.320	0.060	BDL		0.050
Naphthalene	0.310	0.625	0.080	BDL		0.050
Phenanthrene	0.495	1.140	0.130	BDL		0.050
Pyrene	0.485	0.780	0.105	BDL		0.050

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Goodwyn, Mills & Cawood	Report Date:	May 10, 2013
1	Ms. Jymalyn Redmond	Reference #	28677
Address:	4659 Huffman Rd.	P.O. #	E11105
	Grady, AL 36036	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	4/26/13	Analyst:	M. Hageman
Date Collected:	4/23-25/13	Date of Analysis:	5/9/13
Sample Collector:	N. Berrios	Method:	EPA Method 6010B

	ľ	META	LLIC	ANAL	YTES		
	FIELD ID CV0686A	FIELD ID CV0686C	FIELD ID CV0427A	FIELD ID		 	
Analyte, mg/Kg	LAB ID	LABID	LAB ID	LAB ID	LAB ID	HP0157A LAB ID	Detection
as Total	143258	143259	143260	143261	143262	143263	Limit,mg/Kg
Arsenic	8.4	4.3	8.1	9.7	BDL	7.6	1.0
Lead	119	149	228	122	87	99	1.0
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	CV0575A	CV0927A	HP0288A	HP0232B	HP0200B	CV1342A	
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	143264	143265	143266	143267	143268	143269	Limit,mg/Kg
Arsenic	5.7	4.4	12.2	10.5	BDL	3.8	1.0
Lead	344	373	51	136	2315	141	1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Ca Attention: Ms. Jymalyn Redmond Address: 4659 Huffman Rd. Grady, AL 36036	Reference # P.O. #	May 10, 2013 28677 E11105
Grady, 712 50050	Project ID:	Walter Coke

Sample Matrix:	soil	Analytical	
Date Received:	4/26/13	Analyst:	M. Hageman
Date Collected:	4/23-25/13	Date of Analysis:	5/9/13
Sample Collector:	N. Berrios	Method:	EPA Method 6010B

	1	META	LLIC A	ANAL	YTES		
	FIELD ID	FIELD ID	FIELD ID	FIELD ID		FIELD ID	
	CV0790C	FM0023A	CV0282B	CV0121A	CV1312B	CV0752B	
Analyte, mg/Kg	LABID	LAB ID	LAB ID	LABID	LAB ID	LAB ID	Detection
as Total	143270	143271	143272	143273	143274	143275	Limit,mg/Kg
Arsenic	4.4	18	4.1	6.4	4.6	8.8	1.0
Lead	180	34	205	141	115	359	1.0
							1.0
	FIELD ID	FIELD ID	FIELD ID				
	CV0752C	FM0245A	FM0245C				
Analyte, mg/Kg	LAB ID	LAB ID	LABID				Detection
as Total	143276	143277	143278				1
Arsenic	BDL	4.0	BDL		1		Limit,mg/Kg
Lead	101	143	84				1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



	Goodwyn, Mills & Cawood Ms. Jymalyn Redmond 4659 Huffman Rd.	Report Date: Reference #	May 10, 2013 28717	
Address:	Grady, AL 36036	P.O. # Project ID:	E11105 Walter Coke, Inc	

Sample Matrix:	soil	Analytical	
Date Received:	5/2/13	Analyst:	M. Hageman
Date Collected:	4/29-30/13	Date of Analysis:	5/9/13
Sample Collector:	A. Davis	Method:	EPA Method 6010B

	l	META	LLIC	ANAL	YTES		
	FIELD ID					FIELD ID	
	CV0727A	CV0728B	CV0731A	CV0670B	CV0670C	CV0662A	1
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
as Total	143386	143387	143388	143389	143390	143391	Limit,mg/Kg
Arsenic	9.8	7.1	6.4	8.7	35	12	1.0
Lead	178	79	121	947	118	382	1.0
	FIELD ID	FIELD ID	FIELD ID				
	CV0963A	CV0964A	CV0466A				
Analyte, mg/Kg	LAB ID	LAB ID	LAB ID				Detection
as Total	143392	143393	143394				Limit,mg/Kg
Arsenic	2.2	4.4	5.1				1.0
Lead	83	88	120				1.0

NA = Not Available
BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM mg/Kg of total analyte

MT /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	C1 1011-0-0 1			
Chem.	Goodwyn, Mills & Cawood	Report Date:	May 10, 2013	
Attention:	Ms. Jymalyn Redmond	Reference #	28717	
Address:	4659 Huffman Rd.	P.O. #	E11105	
	Grady, AL 36036	Project ID:	Walter Coke, Inc	

Sample Matrix: Date Received: Date Collected: Sample Collector:	Date Received: 5/2/13 Date Collected: 4/29-30/13		5/7/13 Hageman/Currence 5/8/13
Sample Collector.	A. Davis	Method:	EPA Method 8270C

POLYNUCLEAR AROMATIC HYDROCARBONS								
		FIELD ID						
	CV0728B	CV0670B						
Polynuclear	LAB ID	LAB ID					Detection	
Aromatics, ppm	143387	143389					Limit, ppn	
Acenaphthene	BDL	BDL					0.050	
Acenaphthylene	BDL	BDL					0.050	
Anthracene	BDL	0.050					0.050	
Benzo(a)anthracene	0.050	0.230					0.050	
Benzo(b)fluoranthene	0.070	0.335					0.050	
Benzo(k)fluoranthene	0.055	0.290					0.050	
Benzo(ghi)perylene	0.100	0.275					0.050	
Вепло(а)ругене	0.085	0.315					0.050	
Chrysene	0.070	0.280					0.050	
Dibenzo(ah)anthracene	BDL	0.085					0.050	
Fluoranthene	0.065	0.370					0.050	
Fluorene	BDL	BDL					0.050	
Indeno(1,2,3-cd)pyrene	BDL	0.230					0.050	
Naphthalene	BDL	0.090			1		0.050	
Phenanthrene	0.050	0.190					0.050	
Pyrene	0.070	0.300					0.050	

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

EPA Laboratory ID AL01084

/QAQC

Respectfully submitted,